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Rexroth
Bosch Group

Preparation of compressed air → Maintenance units and components

Series AS3

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Brochure

Preparation of compressed air → Maintenance units and components

Series AS3

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for detailed information

Preparation of compressed air → Maintenance units and components

Series AS3

Preparation of compressed air → Maintenance units and components

Series AS3

Preparation of compressed air → Maintenance units and components

Series AS3

Zubehör

Preparation of compressed air → Maintenance units and components

Series AS3

Preparation of compressed air → Maintenance units and components

Series AS3

mortise lock
► for series AS2, AS3, AS5, With standard and E11 locking

125

Maintenance unit, 2-part, Series AS3-ACD

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

00119382

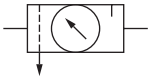
ATEX	II 2G2D T4 X
Maintenance Unit	2-in-1, Can be assembled into blocks
Parts	Filter pressure regulator, lubricator
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Lock type	with padlock
Pressure supply	single
Installation location	vertical
Nominal flow Qn	3500 l/min
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	See table below
Adjustment range min./max.	0.5 bar / 8 bar
Medium	Compressed air
Filter element	exchangeable
Filter reservoir volume	49 cm^3
Condensate drain	See table below
Type of filling	Manual oil filling Semi-automatic oil filling during operation
Oil type	HLP 68 (DIN 51 524 - ISO VG 68) HLP 32 (DIN 51 524 - ISO VG 32)
Lubricator reservoir volume	80 cm^3
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber
Filter insert	Polyethylene

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Oil dosing at 1000 l/min [drops/min]: 1-2
- max. particle count as per ISO 8573-4 at the outlet: 10 mg/m^3

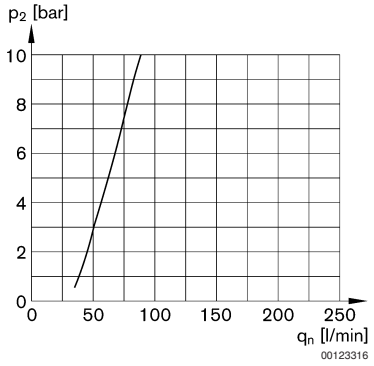
Maintenance unit, 2-part, Series AS3-ACD

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

	Port	Working pressure min./max.	Condensate drain	Note	Weight	Part No.
		[bar]			[kg]	
	G 3/8	1.5 / 16	semi-automatic, open without pressure	1); 3)	1.018	**R412007298**
	G 3/8	1.5 / 16	fully automatic, open without pressure	1); 3)	1.067	**R412007299**
	G 3/8	0 / 16	fully automatic, closed without pressure	1); 3)	1.067	**R412007300**
	G 3/8	1.5 / 16	semi-automatic, open without pressure	2)	1.874	R412007304
	G 3/8	1.5 / 16	fully automatic, open without pressure	2)	1.917	R412007305
	G 3/8	0 / 16	fully automatic, closed without pressure	2)	1.908	R412007306
	G 1/2	1.5 / 16	semi-automatic, open without pressure	1); 3)	1.018	**R412007307**
	G 1/2	1.5 / 16	fully automatic, open without pressure	1); 3)	1.067	**R412007308**
	G 1/2	0 / 16	fully automatic, closed without pressure	1); 3)	1.067	**R412007309**
	G 1/2	1.5 / 16	semi-automatic, open without pressure	2)	1.829	R412007313
	G 1/2	1.6 / 16	fully automatic, open without pressure	2)	1.874	R412007314
	G 1/2	0 / 16	fully automatic, closed without pressure	2)	1.749	R412007315

1) Reservoir: Polycarbonate
2) Reservoir: Die cast zinc
3) Protective guard: Polyamide
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Lubricator activation margin

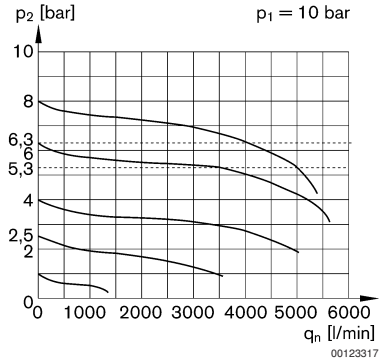


p2 = secondary pressure; qn = nominal flow

Maintenance unit, 2-part, Series AS3-ACD

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

Flow rate characteristic (p2: 0,5 - 8 bar)

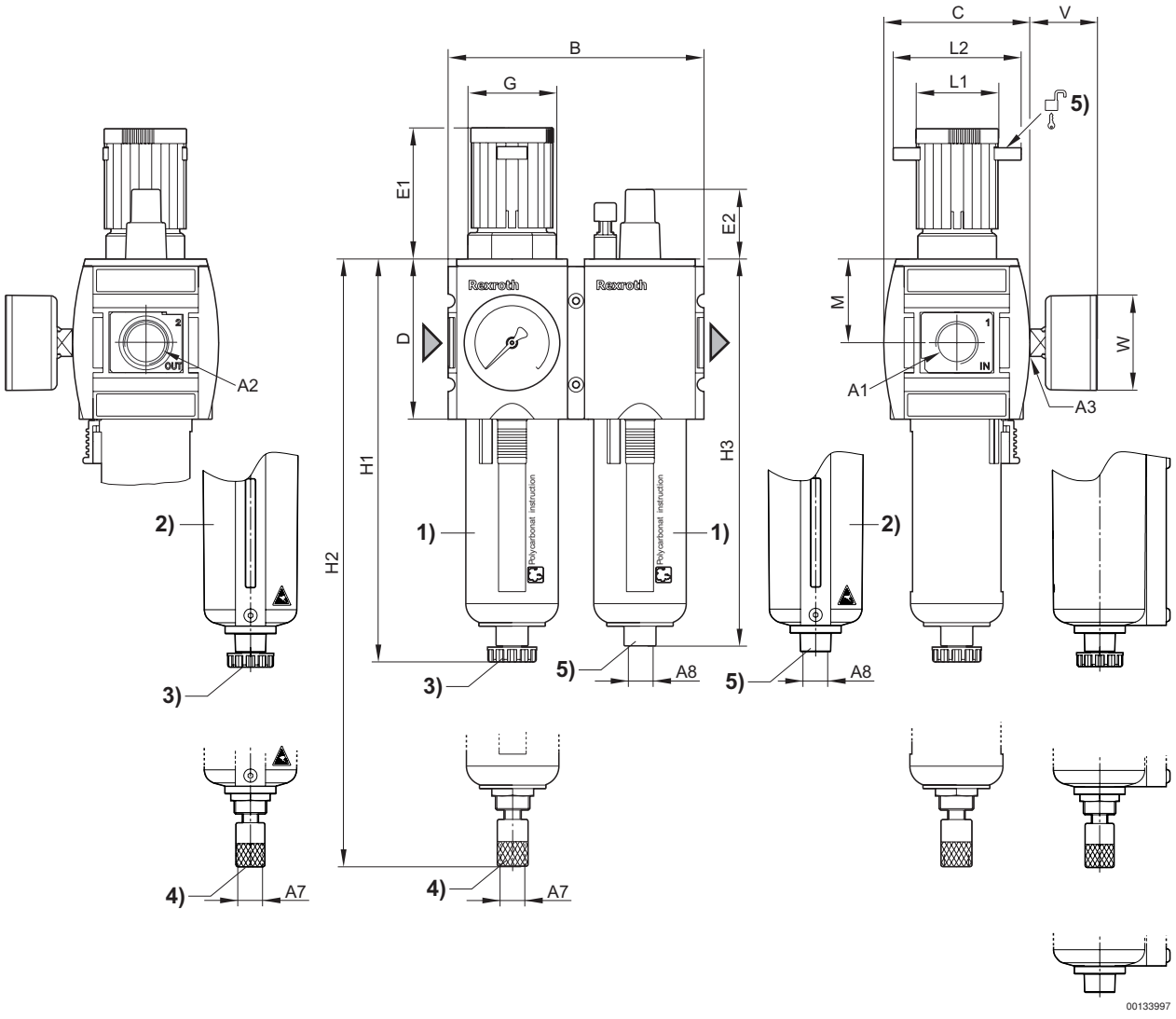


p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Maintenance unit, 2-part, Series AS3-ACD

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

Dimensions



1) Plastic reservoir and protective guard with window
2) Metal reservoir with level indicator
3) Semi-automatic condensate drain
4) Fully automatic condensate drain
5) Mounting option for padlocks; max. shackle Ø 8

A1	A2	A3	A7	A8	B	C	D	E1	E2	G	H1	H2
G 3/8	G 3/8	G 1/4	G 1/8	G 1/8	126	74	80	63.5	27.5	M42x1,5	189.5	206
G 1/2	G 1/2	G 1/4	G 1/8	G 1/8	126	74	80	63.5	27.5	M42x1,5	189.5	206

A1	H3	M	L1	L2	V	W							
G 3/8	183	42.5	41	60	33	50							
G 1/2	183	42.5	41	60	33	50							

Preparation of compressed air → Maintenance units and components

Maintenance unit, 3-part, Series AS3-ACT

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

00119436

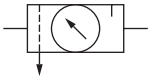
ATEX	II 2G2D T4 X
Maintenance Unit	4-in-1, Can be assembled into blocks
Parts	Filter, Pressure controller, lubricator
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Lock type	with padlock
Pressure supply	single
Installation location	vertical
Nominal flow Qn	3500 l/min
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	See table below
Adjustment range min./max.	0.5 bar / 8 bar
Medium	Compressed air
Filter element	exchangeable
Filter reservoir volume	49 cm³
Condensate drain	See table below
Type of filling	Manual oil filling Semi-automatic oil filling during operation
Oil type	HLP 68 (DIN 51 524 - ISO VG 68) HLP 32 (DIN 51 524 - ISO VG 32)
Lubricator reservoir volume	80 cm³
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber
Filter insert	Polyethylene

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Oil dosing at 1000 l/min [drops/min]: 1-2
- max. particle count as per ISO 8573-4 at the outlet: 10 mg/m³

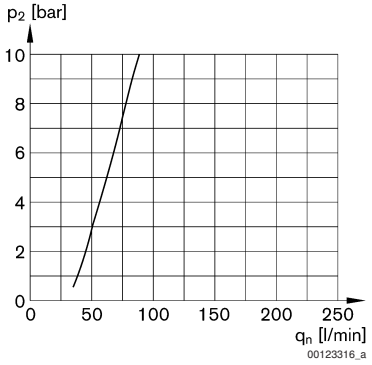
Maintenance unit, 3-part, Series AS3-ACT

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

	Port	Working pressure min./max.	Condensate drain	Note	Weight	Part No.
		[bar]			[kg]	
	G 3/8	1.5 / 16	semi-automatic, open without pressure	1); 3)	1.353	**R412007318**
	G 3/8	1.5 / 16	fully automatic, open without pressure	1); 3)	1.402	**R412007319**
	G 3/8	0 / 16	fully automatic, closed without pressure	1); 3)	1.402	**R412007320**
	G 3/8	1.5 / 16	semi-automatic, open without pressure	2)	2.414	R412007324
	G 3/8	1.5 / 16	fully automatic, open without pressure	2)	2.431	R412007325
	G 3/8	0 / 16	fully automatic, closed without pressure	2)	2.444	R412007326
	G 1/2	1.5 / 16	semi-automatic, open without pressure	1); 3)	1.353	**R412007327**
	G 1/2	1.5 / 16	fully automatic, open without pressure	1); 3)	1.402	**R412007328**
	G 1/2	0 / 16	fully automatic, closed without pressure	1); 3)	1.402	**R412007329**
	G 1/2	1.5 / 16	semi-automatic, open without pressure	2)	2.338	R412007333
	G 1/2	1.5 / 16	fully automatic, open without pressure	2)	2.37	R412007334
	G 1/2	0 / 16	fully automatic, closed without pressure	2)	2.391	R412007335

1) Reservoir: Polycarbonate
2) Reservoir: Die cast zinc
3) Protective guard: Polyamide
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Lubricator activation margin



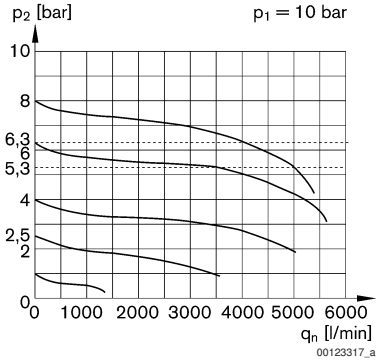
p2 = secondary pressure; qn = nominal flow

Preparation of compressed air → Maintenance units and components

Maintenance unit, 3-part, Series AS3-ACT

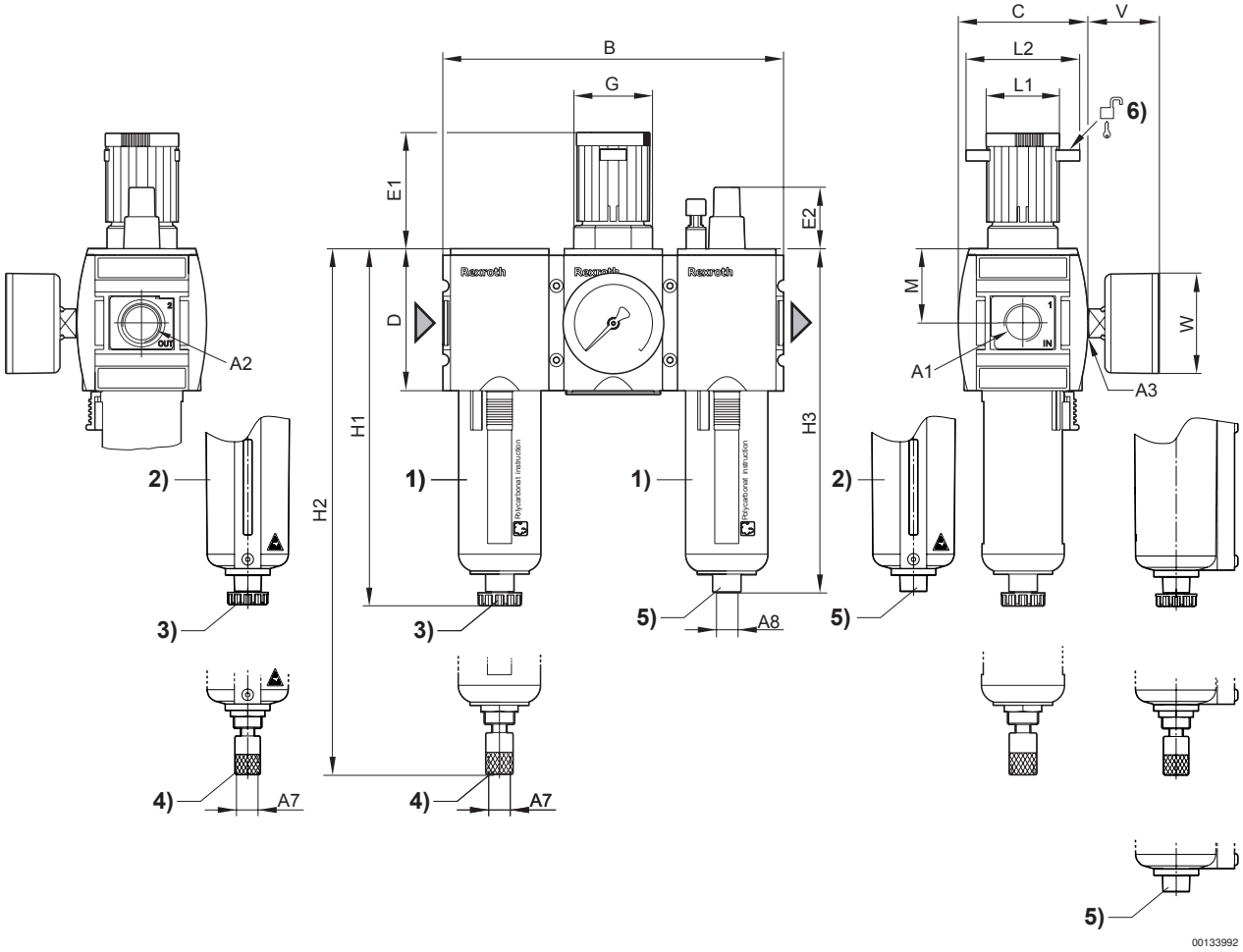
► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

Flow rate characteristic (p2: 0,5 - 8 bar)



p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Dimensions



1) Plastic reservoir and protective guard with window
2) Metal reservoir with level indicator
3) Semi-automatic condensate drain
4) Fully automatic condensate drain
5) port for semi-automatic oil filling
6) Mounting option for padlocks; max. shackle Ø 8

Maintenance unit, 3-part, Series AS3-ACT

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

A1	A2	A3	A7	A8	B	C	D	E1	E2	G	H1	H2
G 3/8	G 3/8	G 1/4	G 1/8	G 1/8	189	74	80	63.5	27.5	M42x1,5	189.5	206
G 1/2	G 1/2	G 1/4	G 1/8	G 1/8	189	74	80	63.5	27.5	M42x1,5	189.5	206

A1	H3	M	L1	L2	V	W							
G 3/8	183	42.5	41	60	33	50							
G 1/2	183	42.5	41	60	33	50							

Pressure regulator, Series AS3-RGS

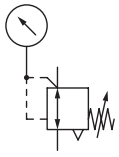
► G 3/8 - G 1/2 ► Qn = 1600 - 5200 l/min ► Activation : mechanical ► lockable ► ATEX certified

00119369

ATEX	II 2G2D T4 X
Regulator type	Diaphragm-type pressure regulator, Can be assembled into blocks
Function	with relieving air exhaust
Lock type	with padlock
Installation location	arbitrary
Pressure supply	single
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	See table below
Adjustment range min./max.	See table below
Medium	Compressed air
Materials:	
Housing	Polyamide
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.

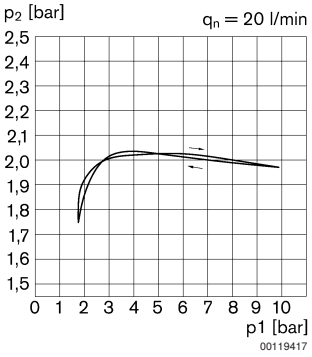
		Port	Qn	Working pressure min./max.	Adjustment range min. - max..	Weight	Part No.
			[l/min]	[bar]	[bar]	[kg]	
		G 3/8	1600	0.1 / 16	0.1 - 1	0.6	**R412007101**
		G 3/8	4600	0.1 / 16	0.1 - 2		**R412007103**
		G 3/8	5000	0.2 / 16	0.2 - 4		**R412007105**
		G 3/8	4300	0.5 / 16	0.5 - 8		**R412007107**
		G 3/8	4300	0.5 / 16	0.5 - 10		**R412007109**
		G 3/8	3500	0.5 / 16	0.5 - 16		**R412007111**
		G 1/2	1600	0.1 / 16	0.1 - 1		**R412007113**
		G 1/2	4600	0.1 / 16	0.1 - 2		**R412007115**
		G 1/2	5000	0.2 / 16	0.2 - 4		**R412007117**
		G 1/2	5200	0.5 / 16	0.5 - 8		**R412007119**
		G 1/2	5200	0.5 / 16	0.5 - 10		**R412007121**
		G 1/2	4000	0.5 / 16	0.5 - 16		**R412007123**
	-	G 3/8	1600	0.1 / 16	0.1 - 1	0.528	**R412007100**
		G 3/8	4600	0.1 / 16	0.1 - 2		**R412007102**
		G 3/8	5000	0.2 / 16	0.2 - 4		**R412007104**
		G 3/8	4300	0.5 / 16	0.5 - 8		**R412007106**
		G 3/8	4300	0.5 / 16	0.5 - 10		**R412007108**
		G 3/8	3500	0.5 / 16	0.5 - 16		**R412007110**
		G 1/2	1600	0.1 / 16	0.1 - 1		**R412007112**
		G 1/2	4600	0.1 / 16	0.1 - 2		**R412007114**
		G 1/2	5000	0.2 / 16	0.2 - 4		**R412007116**
		G 1/2	5200	0.5 / 16	0.5 - 8		**R412007118**
		G 1/2	5200	0.5 / 16	0.5 - 10		**R412007120**
		G 1/2	4000	0.5 / 16	0.5 - 16		**R412007122**

Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Pressure regulator, Series AS3-RGS

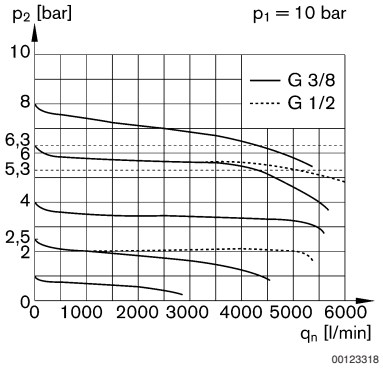
► G 3/8 - G 1/2 ► Qn = 1600 - 5200 l/min ► Activation : mechanical ► lockable ► ATEX certified

Pressure characteristics curve



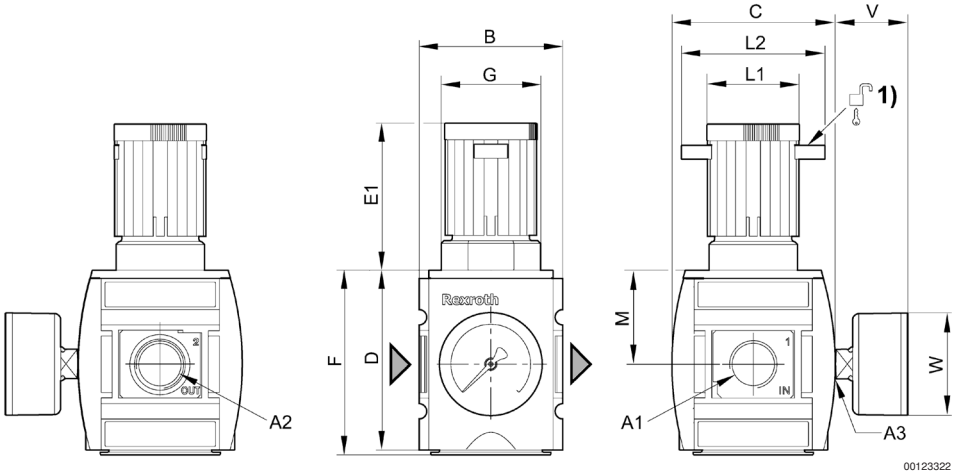
p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Flow rate characteristic (p2: 0,5 - 8 bar)



p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Dimensions



1) Mounting option for padlocks; max. shackle Ø 8

Pressure regulator, Series AS3-RGS

► G 3/8 - G 1/2 ► Qn = 1600 - 5200 l/min ► Activation : mechanical ► lockable ► ATEX certified

A1	A2	A3	B	C	D	E1	F	G	L1	L2	M	V
G 3/8	G 3/8	G 1/4	63	74	80	63.5	82	M42x1,5	41	60	42.5	33
G 1/2	G 1/2	G 1/4	63	74	80	63.5	82	M42x1,5	41	60	42.5	33

A1	W											
G 3/8	50											
G 1/2	50											

Preparation of compressed air → Maintenance units and components

Pressure regulator, Series AS3-RGS-...-DS

► G 3/8 - G 1/2 ► Qn = 1600 - 5200 l/min ► Activation : mechanical ► with continuous pressure supply ► lockable ► ATEX certified

00119367

ATEX	II 2G2D T4 X
Regulator type	Diaphragm-type pressure regulator, Can be assembled into blocks
Version	Regulator without pressure gauge
Function	with relieving air exhaust
Lock type	with padlock
Installation location	arbitrary
Pressure supply	double
Ambient temperature min./max.	-10°C / +50°C
Medium temperature min./max.	-10°C / +50°C
Working pressure min./max.	See table below
Adjustment range min./max.	See table below
Medium	Compressed air
Materials:	
Housing	Polyamide
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber

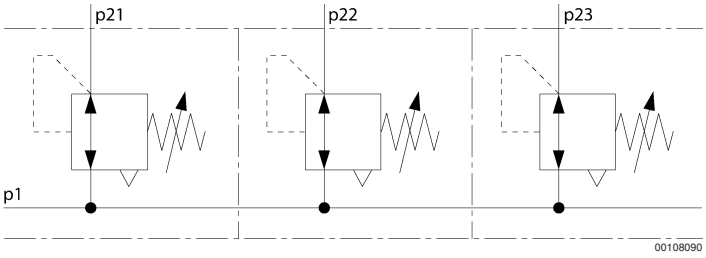
Technical Remarks

■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.

	Port	Qn	Working pressure min./max.	Adjustment range min. - max..	Weight	Part No.
		[l/min]	[bar]	[bar]	[kg]	
	G 3/8	1600	0.1 / 16	0.1 - 1	0.528	R412007124
	G 3/8	4600	0.1 / 16	0.1 - 2		R412007125
	G 3/8	5000	0.2 / 16	0.2 - 4		R412007126
	G 3/8	4300	0.5 / 16	0.5 - 8		**R412007127**
	G 3/8	4300	0.5 / 16	0.5 - 10		R412007128
	G 3/8	3500	0.5 / 16	0.5 - 16		R412007129
	G 1/2	1600	0.1 / 16	0.1 - 1		R412007130
	G 1/2	4600	0.1 / 16	0.1 - 2		**R412007131**
	G 1/2	5000	0.2 / 16	0.2 - 4		**R412007132**
	G 1/2	5200	0.5 / 16	0.5 - 8		**R412007133**
	G 1/2	5200	0.5 / 16	0.5 - 10		**R412007134**
	G 1/2	4000	0.5 / 16	0.5 - 16		**R412007135**

Max. pressure gauge Ø in blocked state [mm]: 50
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Application example



00108090

p1 = working pressure
p21; p22; p23 = secondary pressure

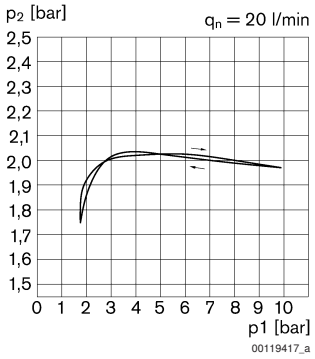
Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for detailed information

Preparation of compressed air → Maintenance units and components

Pressure regulator, Series AS3-RGS-...-DS

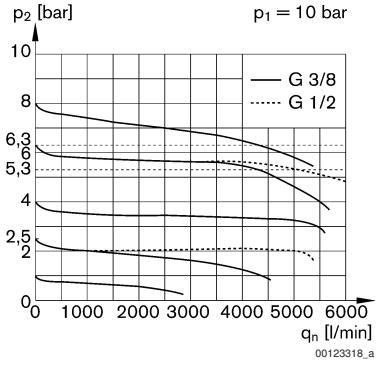
► G 3/8 - G 1/2 ► Qn = 1600 - 5200 l/min ► Activation : mechanical ► with continuous pressure supply ► lockable ► ATEX certified

Pressure characteristics curve



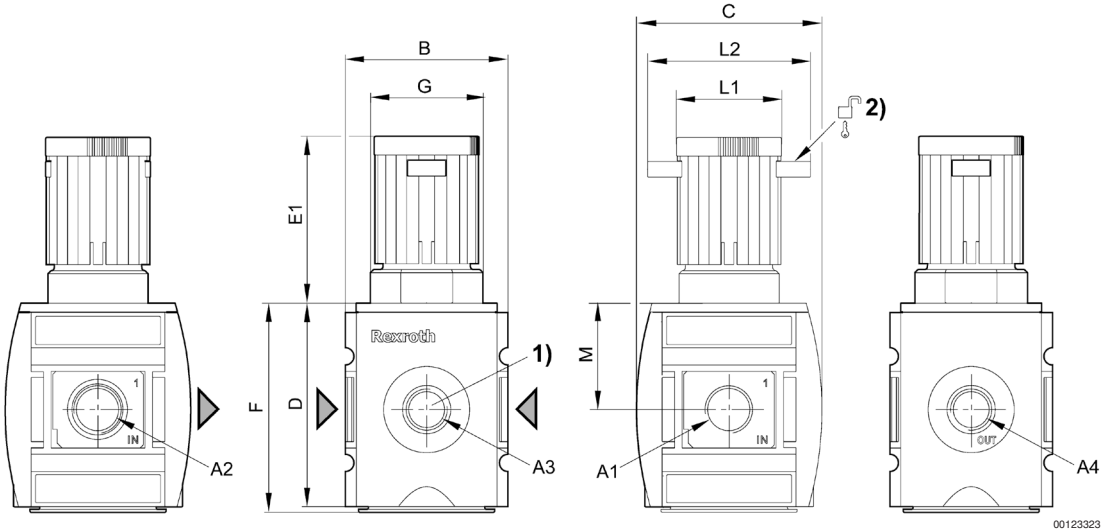
p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Flow rate characteristic (p2: 0,5 - 8 bar)



p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Dimensions



1) Pressure gauge connection
2) Mounting option for padlocks; max. shackle Ø 8

Preparation of compressed air → Maintenance units and components

Pressure regulator, Series AS3-RGS-...-DS

► G 3/8 - G 1/2 ► Qn = 1600 - 5200 l/min ► Activation : mechanical ► with continuous pressure supply ► lockable ► ATEX certified

A1	A2	A3	A4	B	C	D	E1	F	G	L1	L2	M
G 3/8	G 3/8	G 1/4	G 3/8	63	74	80	63.5	82	M42x1,5	41	60	42.5
G 1/2	G 1/2	G 1/4	G 3/8	63	74	80	63.5	82	M42x1,5	41	60	42.5

Preparation of compressed air → Maintenance units and components

Precision pressure regulator, Series AS3-RGP

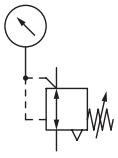
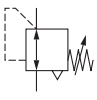
► G 3/8 - G 1/2 ► Qn = 1600 - 5200 l/min ► Activation : mechanical ► lockable ► ATEX certified

00119369

ATEX	II 2G2D T4 X
Regulator type	Diaphragm-type pressure regulator, Can be assembled into blocks
Function	with relieving air exhaust
Lock type	with padlock
Installation location	arbitrary
Pressure supply	single
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	See table below
Adjustment range min./max.	See table below
Medium	Compressed air
max. Internal air consumption	2.6 l/min
Materials:	
Housing	Polyamide
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Recommended pre-filter: 5 µm

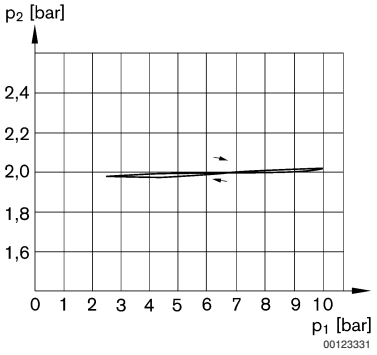
		Port	Qn	Working pressure min./max.	Adjustment range min. - max..	Weight	Part No.
			[l/min]	[bar]	[bar]	[kg]	
		G 3/8	1600	0.1 / 16	0.1 - 1	0.6	**R412007137**
		G 3/8	4600	0.1 / 16	0.1 - 2		**R412007139**
		G 3/8	5000	0.2 / 16	0.2 - 4		**R412007141**
		G 3/8	4300	0.5 / 16	0.5 - 8		**R412007143**
		G 3/8	4300	0.5 / 16	0.5 - 10		**R412007145**
		G 1/2	1600	0.1 / 16	0.1 - 1		**R412007149**
		G 1/2	4600	0.1 / 16	0.1 - 2		**R412007151**
		G 1/2	5000	0.2 / 16	0.2 - 4		**R412007153**
		G 1/2	5200	0.5 / 16	0.5 - 8		**R412007155**
		G 1/2	5200	0.5 / 16	0.5 - 10		**R412007157**
	-	G 3/8	1600	0.1 / 16	0.1 - 1	0.528	**R412007136**
		G 3/8	4600	0.1 / 16	0.1 - 2		**R412007138**
		G 3/8	5000	0.2 / 16	0.2 - 4		**R412007140**
		G 3/8	4300	0.5 / 16	0.5 - 8		**R412007142**
		G 3/8	4300	0.5 / 16	0.5 - 10		**R412007144**
		G 1/2	1600	0.1 / 16	0.1 - 1		**R412007148**
		G 1/2	4600	0.1 / 16	0.1 - 2		**R412007150**
		G 1/2	5000	0.2 / 16	0.2 - 4		**R412007152**
		G 1/2	5200	0.5 / 16	0.5 - 8		**R412007154**
		G 1/2	5200	0.5 / 16	0.5 - 10		**R412007156**

Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Precision pressure regulator, Series AS3-RGP

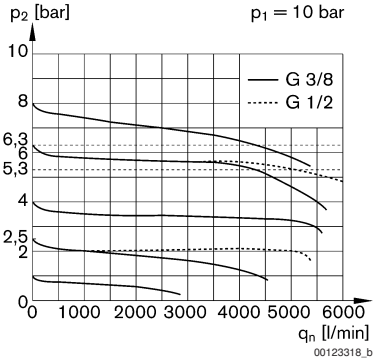
► G 3/8 - G 1/2 ► Qn = 1600 - 5200 l/min ► Activation : mechanical ► lockable ► ATEX certified

Pressure characteristics curve



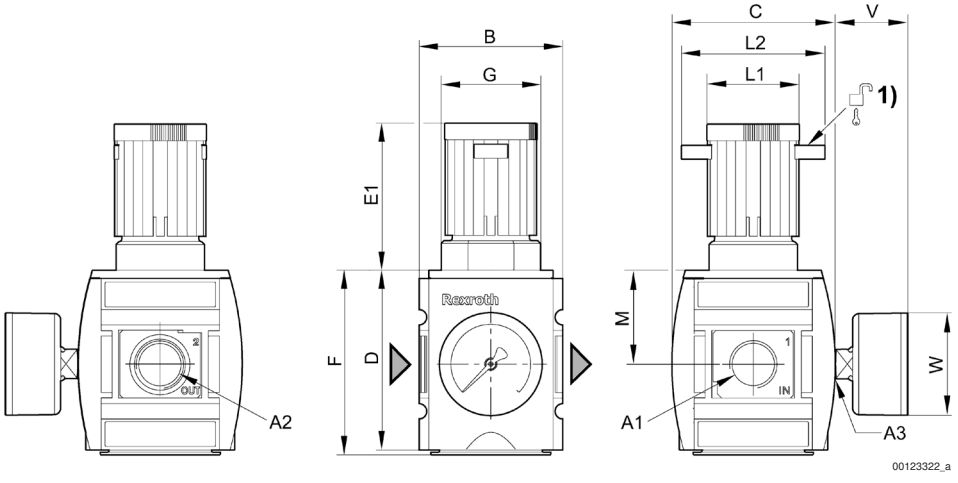
p1 = working pressure
p2 = secondary pressure

Flow rate characteristic (p2: 0,5 - 8 bar)



p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Dimensions



1) Mounting option for padlocks; max. shackle Ø 8

Precision pressure regulator, Series AS3-RGP

► G 3/8 - G 1/2 ► Qn = 1600 - 5200 l/min ► Activation : mechanical ► lockable ► ATEX certified

A1	A2	A3	B	C	D	E1	F	G	L1	L2	M	V
G 3/8	G 3/8	G 1/4	63	74	80	63.5	82	M42x1,5	41	60	42.5	33
G 1/2	G 1/2	G 1/4	63	74	80	63.5	82	M42x1,5	41	60	42.5	33

A1	W											
G 3/8	50											
G 1/2	50											

Preparation of compressed air → Maintenance units and components

Precision pressure regulator, Series AS3-RGP-...-DS

► G 3/8 - G 1/2 ► Qn = 1600 - 5200 l/min ► Activation : mechanical ► with continuous pressure supply ► lockable ► ATEX certified

00119367

ATEX	II 2G2D T4 X
Regulator type	Diaphragm-type pressure regulator, Can be assembled into blocks
Version	Regulator without pressure gauge
Function	with relieving air exhaust
Lock type	with padlock
Installation location	arbitrary
Pressure supply	double
Ambient temperature min./max.	-10°C / +50°C
Medium temperature min./max.	-10°C / +50°C
Working pressure min./max.	See table below
Adjustment range min./max.	See table below
Medium	Compressed air
max. Internal air consumption	2.6 l/min
Materials:	
Housing	Polyamide
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber

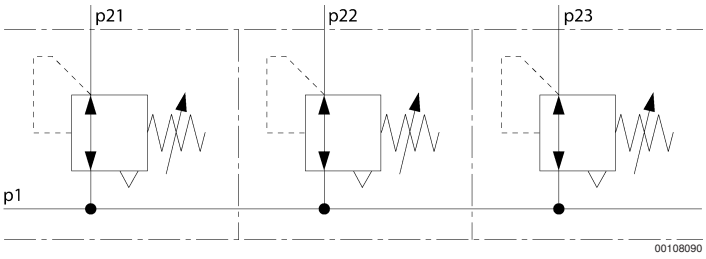
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Recommended pre-filter: 5 µm

	Port	Qn	Working pressure min./max.	Adjustment range min. - max..	Weight	Part No.
		[l/min]	[bar]	[bar]	[kg]	
	G 3/8	1600	0.1 / 16	0.1 - 1	0.528	R412007160
	G 3/8	4600	0.1 / 16	0.1 - 2		R412007161
	G 3/8	5000	0.2 / 16	0.2 - 4		R412007162
	G 3/8	4300	0.5 / 16	0.5 - 8		R412007163
	G 3/8	4300	0.5 / 16	0.5 - 10		R412007164
	G 1/2	1600	0.1 / 16	0.1 - 1		**R412007166**
	G 1/2	4600	0.1 / 16	0.1 - 2		R412007167
	G 1/2	5000	0.2 / 16	0.2 - 4		R412007168
	G 1/2	5200	0.5 / 16	0.5 - 8		**R412007169**
	G 1/2	5200	0.5 / 16	0.5 - 10		R412007170

Max. pressure gauge Ø in blocked state [mm]: 50
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Application example



00108090

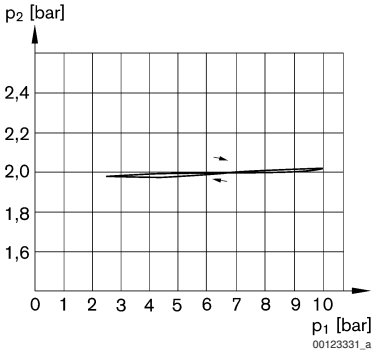
p1 = working pressure
p21; p22; p23 = secondary pressure

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for detailed information

Precision pressure regulator, Series AS3-RGP-...-DS

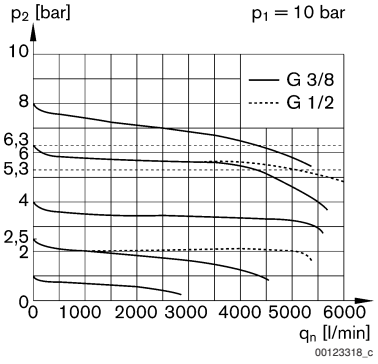
► G 3/8 - G 1/2 ► Qn = 1600 - 5200 l/min ► Activation : mechanical ► with continuous pressure supply ► lockable ► ATEX certified

Pressure characteristics curve



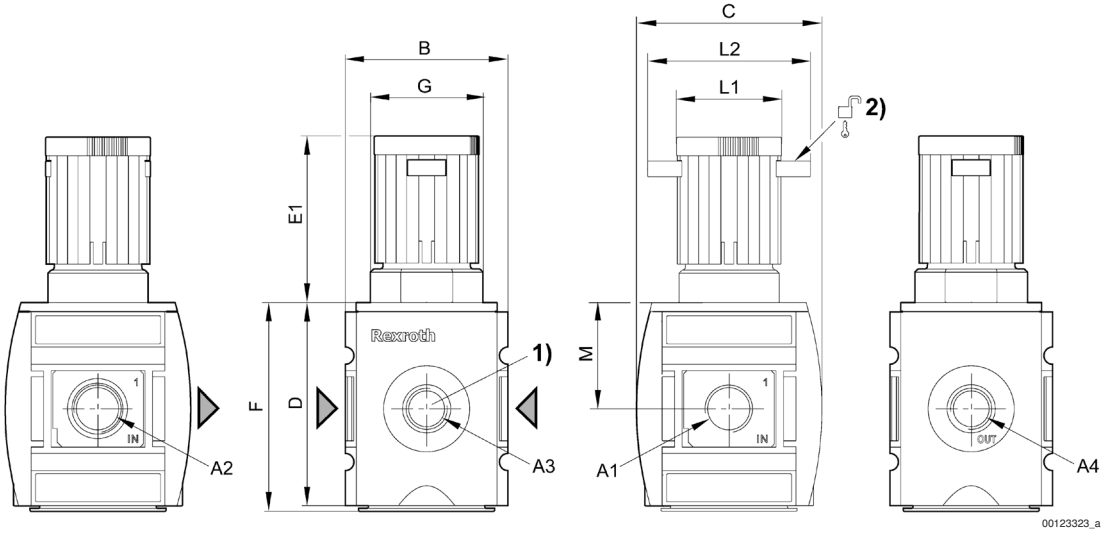
p1 = working pressure
p2 = secondary pressure

Flow rate characteristic (p2: 0,5 - 8 bar)



p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Dimensions



1) Pressure gauge connection
2) Mounting option for padlocks; max. shackle Ø 8

Precision pressure regulator, Series AS3-RGP-...-DS

► G 3/8 - G 1/2 ► Qn = 1600 - 5200 l/min ► Activation : mechanical ► with continuous pressure supply ► lockable ► ATEX certified

A1	A2	A3	A4	B	C	D	E1	F	G	L1	L2	M
G 3/8	G 3/8	G 1/4	G 3/8	63	74	80	63.5	82	M42x1,5	41	60	42.5
G 1/2	G 1/2	G 1/4	G 3/8	63	74	80	63.5	82	M42x1,5	41	60	42.5

Filter pressure regulator, Series AS3-FRE

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► ATEX certified

00119371

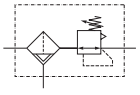
ATEX	II 2G2D T4 X
Maintenance Unit	1-in-1, Can be assembled into blocks
Parts	Filter, Pressure controller
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Lock type	with padlock
Pressure supply	single
Installation location	vertical
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	See table below
Adjustment range min./max.	See table below
Medium	Compressed air
Filter element	exchangeable
Filter reservoir volume	49 cm^3
Condensate drain	See table below
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber
Filter insert	Polyethylene

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- max. particle count as per ISO 8573-4 at the outlet: 10 mg/m^3

Filter pressure regulator, Series AS3-FRE

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► ATEX certified

	Port	Qn	Working pressure min./max.	Adjustment range min./max.	Condensate drain	Note	Part No.
		[l/min]	[bar]	[bar]			
	G 3/8	4300	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	1); 4)	**R412007175**
	G 3/8	4300	1.5 / 16	0.5 / 8	fully automatic, open without pressure	1); 4)	**R412007176**
	G 3/8	4300	0 / 16	0.5 / 8	fully automatic, closed without pressure	1); 4)	R412007177
	G 3/8	4300	1.5 / 16	0.5 / 8	fully automatic, closed without pressure	2)	R412007181
	G 3/8	4300	1.5 / 16	0.5 / 8	fully automatic, open without pressure	2)	R412007182
	G 3/8	4300	0 / 16	0.5 / 8	fully automatic, closed without pressure	2)	R412007183
	G 3/8	4300	1.5 / 16	0.5 / 10	semi-automatic, open without pressure	1); 4)	**R412007193**
	G 3/8	4300	1.5 / 16	0.5 / 10	fully automatic, open without pressure	1); 4)	**R412007194**
	G 3/8	4300	0 / 16	0.5 / 10	fully automatic, closed without pressure	1); 4)	**R412007195**
	G 1/2	4300	1.5 / 16	0.5 / 10	semi-automatic, open without pressure	1); 4)	**R412007196**
	G 1/2	4300	1.5 / 16	0.5 / 10	fully automatic, open without pressure	1); 4)	**R412007197**
	G 1/2	4300	0 / 16	0.5 / 10	fully automatic, closed without pressure	1); 4)	**R412007198**
	G 1/2	4300	0 / 16	0.5 / 16	fully automatic, closed without pressure	1); 4)	R412007238
	G 1/2	4300	1.5 / 16	0.5 / 16	semi-automatic, open without pressure	3)	R412007240
	G 1/2	4300	1.5 / 16	0.5 / 16	fully automatic, open without pressure	3)	R412007241
	G 1/2	4300	0 / 16	0.5 / 16	fully automatic, closed without pressure	3)	**R412007242**
	G 1/2	5100	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	1); 4)	**R412007184**
	G 1/2	5100	1.5 / 16	0.5 / 8	fully automatic, open without pressure	1); 4)	**R412007185**
	G 1/2	5100	0 / 16	0.5 / 8	fully automatic, closed without pressure	1); 4)	**R412007186**
	G 1/2	5100	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	2)	R412007190
	G 1/2	5100	1.5 / 16	0.5 / 8	fully automatic, open without pressure	2)	R412007191
	G 1/2	5100	0 / 16	0.5 / 8	fully automatic, closed without pressure	2)	R412007192

Part No.	Weight
	[kg]
R412007175	0.586
R412007176	0.635
R412007177	0.635
R412007181	0.818

1) Reservoir: Polycarbonate
2) Reservoir: Die cast zinc with window
3) Reservoir: Die cast zinc
4) Protective guard: Polyamide
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for detailed information

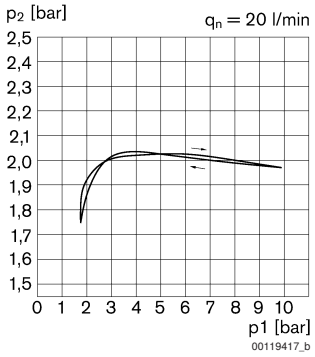
Filter pressure regulator, Series AS3-FRE

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► ATEX certified

Part No.	Weight
	[kg]
R412007182	0.87
R412007183	0.87
R412007193	0.818
R412007194	0.87
R412007195	0.87
R412007196	0.586
R412007197	0.635
R412007198	0.635
R412007238	0.635
R412007240	0.797
R412007241	0.85
R412007242	0.85
R412007184	0.586
R412007185	0.635
R412007186	0.635
R412007190	0.797
R412007191	0.85
R412007192	0.85

1) Reservoir: Polycarbonate
2) Reservoir: Die cast zinc with window
3) Reservoir: Die cast zinc
4) Protective guard: Polyamide
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Pressure characteristics curve

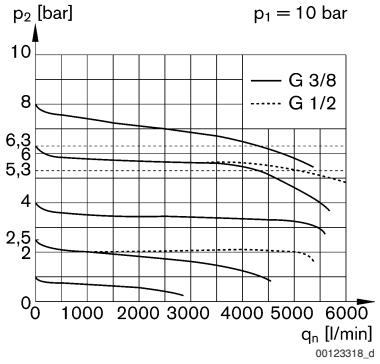


p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Filter pressure regulator, Series AS3-FRE

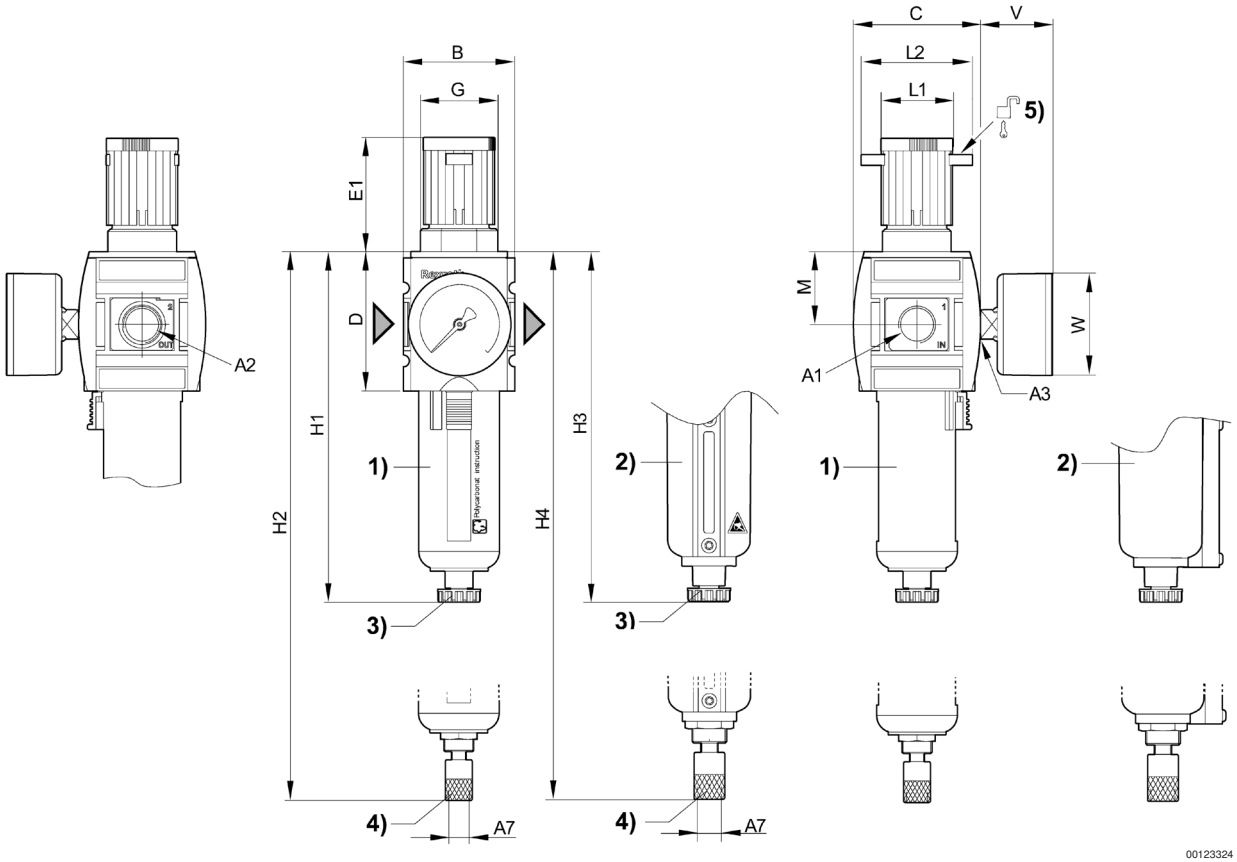
► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► ATEX certified

Flow rate characteristic (p2: 0,5 - 8 bar)



p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Dimensions



1) Plastic reservoir and protective guard with window
2) Metal reservoir
3) Semi-automatic condensate drain
4) Fully automatic condensate drain
5) Mounting option for padlocks; max. shackle Ø 8

A1	A2	A3	A7	B	C	D	E1	G	H1	H2	H3	H4
G 3/8	G 3/8	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	189.5	--	--	--

Filter pressure regulator, Series AS3-FRE

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► ATEX certified

A1	A2	A3	A7	B	C	D	E1	G	H1	H2	H3	H4
G 3/8	G 3/8	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	--	206	--	--
G 3/8	G 3/8	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	--	--	193.5	--
G 3/8	G 3/8	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	--	--	--	210.5
G 1/2	G 1/2	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	189.5	--	--	--
G 1/2	G 1/2	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	--	206	--	--
G 1/2	G 1/2	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	--	--	193.5	--
G 1/2	G 1/2	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	--	--	--	210.5

A1	L1	L2	M	V	W
G 3/8	41	60	42.5	33	--
G 3/8	41	60	42.5	33	--
G 3/8	41	60	42.5	33	--
G 3/8	41	60	42.5	33	--
G 1/2	41	60	42.5	33	--
G 1/2	41	60	42.5	33	--
G 1/2	41	60	42.5	33	--
G 1/2	41	60	42.5	33	--

Filter pressure regulator, Series AS3-FRE

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

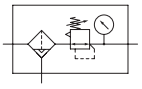
00119372

ATEX	II 2G2D T4 X
Maintenance Unit	1-in-1, Can be assembled into blocks
Parts	Filter, Pressure controller
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Lock type	with padlock
Pressure supply	single
Installation location	vertical
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	See table below
Adjustment range min./max.	See table below
Medium	Compressed air
Filter element	exchangeable
Filter reservoir volume	49 cm^3
Condensate drain	See table below
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber
Filter insert	Polyethylene

Technical Remarks
■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
■ max. particle count as per ISO 8573-4 at the outlet: 10 mg/m^3

Filter pressure regulator, Series AS3-FRE

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

	Port	Qn	Working pressure min./max.	Adjustment range min./max.	Condensate drain	Note	Part No.
		[l/min]	[bar]	[bar]			
	G 3/8	4300	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	1); 4)	**R412007200**
	G 3/8	4300	1.5 / 16	0.5 / 8	fully automatic, open without pressure	1); 4)	**R412007201**
	G 3/8	4300	0 / 16	0.5 / 8	fully automatic, closed without pressure	1); 4)	**R412007202**
	G 3/8	4300	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	2)	**R412007206**
	G 3/8	4300	1.5 / 16	0.5 / 8	fully automatic, open without pressure	2)	**R412007207**
	G 3/8	4300	0 / 16	0.5 / 8	fully automatic, closed without pressure	2)	R412007208
	G 1/2	4300	1.5 / 16	0.5 / 16	fully automatic, open without pressure	3); 4)	**R412007237**
	G 1/2	5100	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	1); 4)	**R412007209**
	G 1/2	5100	1.5 / 16	0.5 / 8	fully automatic, open without pressure	1); 4)	**R412007210**
	G 1/2	5100	0 / 16	0.5 / 8	fully automatic, closed without pressure	1); 4)	**R412007211**
	G 1/2	5100	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	2)	**R412007215**
	G 1/2	5100	1.5 / 16	0.5 / 8	fully automatic, open without pressure	2)	**R412007216**
	G 1/2	5100	0 / 16	0.5 / 8	fully automatic, closed without pressure	2)	**R412007217**

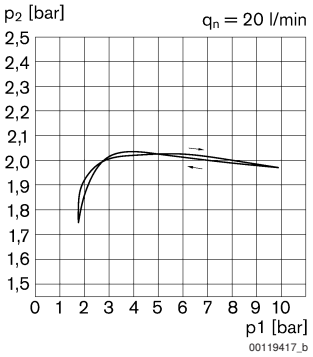
Part No.	Weight
	[kg]
R412007200	0.658
R412007201	0.707
R412007202	0.707
R412007206	0.89
R412007207	0.943
R412007208	0.943
R412007237	0.658
R412007209	0.658
R412007210	0.707
R412007211	0.707
R412007215	0.87
R412007216	0.922
R412007217	0.922

1) Reservoir: Polycarbonate
2) Reservoir: Die cast zinc with window
3) Reservoir: Polycarbonate with window
4) Protective guard: Polyamide
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Filter pressure regulator, Series AS3-FRE

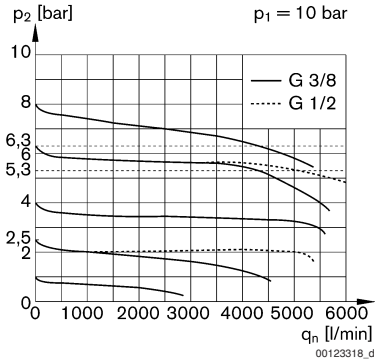
► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

Pressure characteristics curve



p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Flow rate characteristic (p2: 0,5 - 8 bar)

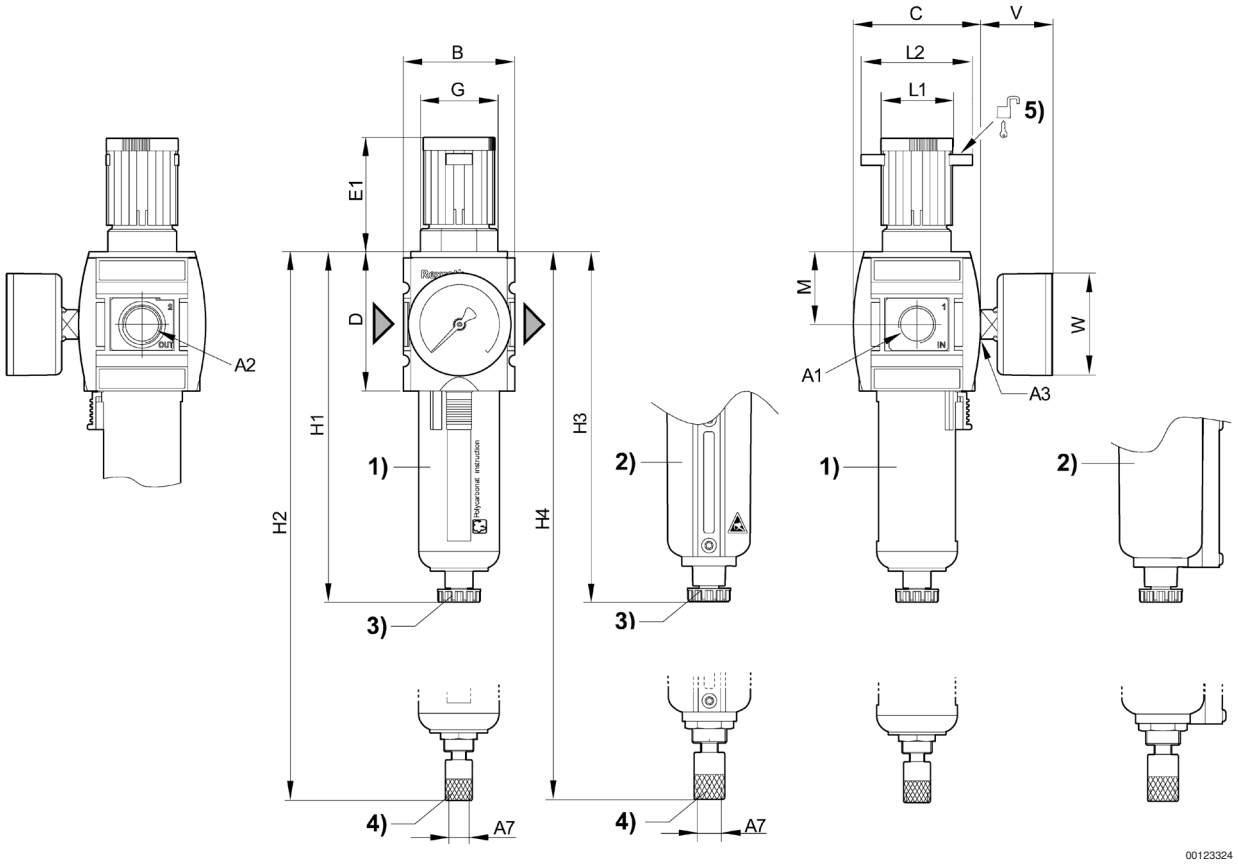


p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Filter pressure regulator, Series AS3-FRE

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

Dimensions



1) Plastic reservoir and protective guard with window
2) Metal reservoir
3) Semi-automatic condensate drain
4) Fully automatic condensate drain
5) Mounting option for padlocks; max. shackle Ø 8

A1	A2	A3	A7	B	C	D	E1	G	H1	H2	H3	H4
G 3/8	G 3/8	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	189.5	--	--	--
G 3/8	G 3/8	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	--	206	--	--
G 3/8	G 3/8	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	--	--	193.5	--
G 3/8	G 3/8	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	--	--	--	210.5
G 1/2	G 1/2	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	--	206	--	--
G 1/2	G 1/2	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	189.5	--	--	--
G 1/2	G 1/2	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	--	--	193.5	--
G 1/2	G 1/2	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	--	--	--	210.5

A1	L1	L2	M	V	W								
G 3/8	41	60	42.5	33	50								
G 3/8	41	60	42.5	33	50								
G 3/8	41	60	42.5	33	50								
G 3/8	41	60	42.5	33	50								
G 1/2	41	60	42.5	33	50								
G 1/2	41	60	42.5	33	50								
G 1/2	41	60	42.5	33	50								

Filter pressure regulator, Series AS3-FRE

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

A1	L1	L2	M	V	W								
G 1/2	41	60	42.5	33	50								

Filter pressure regulator, Series AS3-FRE

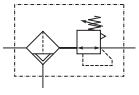
► G 1/2 ► filter porosity: 25 µm ► lockable ► ATEX certified

00133866

ATEX	II 2G2D T4 X
Maintenance Unit	1-in-1, Can be assembled into blocks
Parts	Filter, Pressure controller
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Lock type	with padlock
Pressure supply	single
Installation location	vertical
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Filter element	exchangeable
Filter reservoir volume	49 cm³
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber
Reservoir	Die cast zinc
Filter insert	Polyethylene

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- max. particle count as per ISO 8573-4 at the outlet: 10 mg/m³

	Port	Qn	Working pressure min./max.	Adjustment range min./max.	Condensate drain	Note	Part No.
		[l/min]	[bar]	[bar]			
	G 1/2	5100	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	1)	R412007189

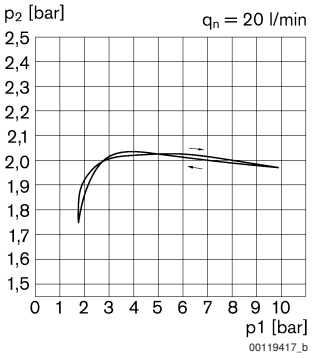
Part No.	Weight
	[kg]
R412007189	0.797

1) Metal reservoir with level indicator
Reservoir: Die cast zinc
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Filter pressure regulator, Series AS3-FRE

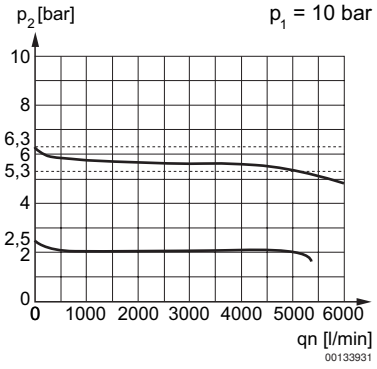
► G 1/2 ► filter porosity: 25 µm ► lockable ► ATEX certified

Pressure characteristics curve



p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Flow rate characteristic (p2: 0,5 - 8 bar)

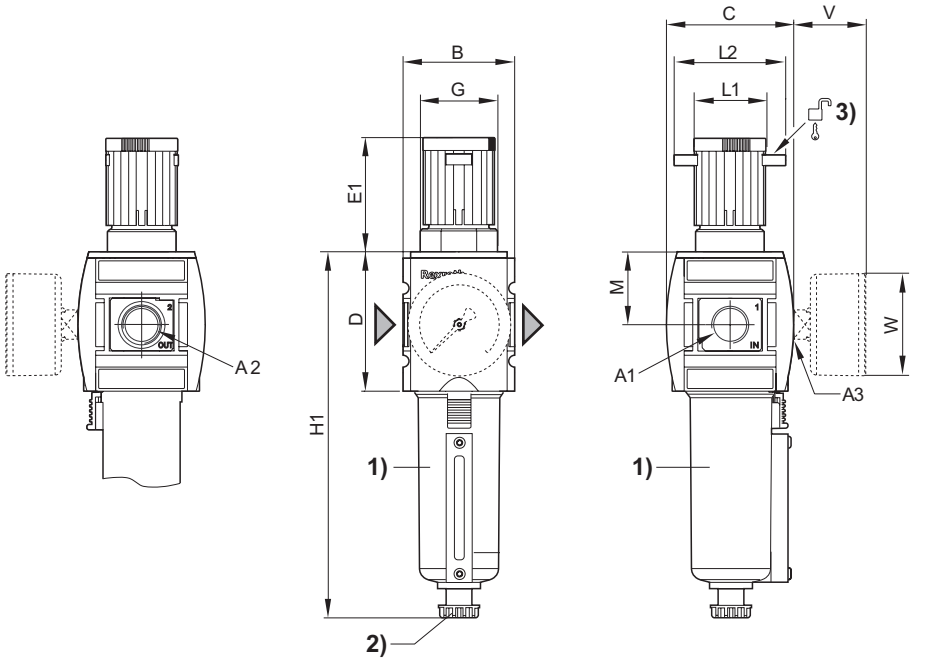


p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Filter pressure regulator, Series AS3-FRE

► G 1/2 ► filter porosity: 25 µm ► lockable ► ATEX certified

Dimensions



1) Metal reservoir with level indicator
2) Semi-automatic condensate drain
3) Mounting option for padlocks; max. shackle Ø 8

A1	A2	A3	B	C	D	E1	G	H1	L1	L2	M	V
G 1/2	G 1/2	G 1/4	63	74	80	63.5	M42x1,5	193.5	41	60	42.5	33

A1	W												
G 1/2	50												

Filter pressure regulator, Series AS3-FRE

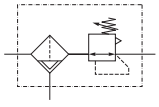
► G 3/8 - G 1/2 ► filter porosity: 40 µm ► lockable ► ATEX certified

00119371

ATEX	II 2G2D T4 X
Maintenance Unit	1-in-1, Can be assembled into blocks
Parts	Filter pressure regulator
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Lock type	with padlock
Pressure supply	single
Installation location	vertical
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	See table below
Adjustment range min./max.	0.5 bar / 10 bar
Medium	Compressed air
Filter element	exchangeable
Filter reservoir volume	49 cm³
Condensate drain	See table below
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber
Reservoir	Polycarbonate
Protective guard	Polyamide
Filter insert	Polyethylene

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- max. particle count as per ISO 8573-4 at the outlet: 10 mg/m³

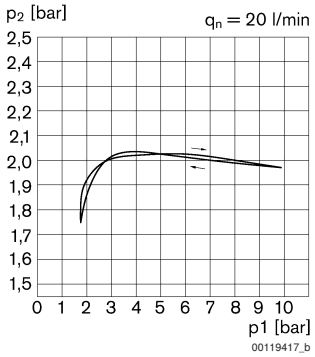
	Port	Qn	Working pressure min./max.	Condensate drain	Weight	Part No.
		[l/min]	[bar]		[kg]	
	G 3/8	4300	1.5 / 16	semi-automatic, open without pressure	0.586	**R412007218**
	G 3/8	4300	1.5 / 16	fully automatic, open without pressure	0.635	**R412007219**
	G 3/8	4300	0 / 16	fully automatic, closed without pressure	0.635	**R412007220**
	G 1/2	5100	1.5 / 16	semi-automatic, open without pressure	0.586	**R412007221**
	G 1/2	5100	1.5 / 16	fully automatic, open without pressure	0.635	**R412007222**
	G 1/2	5100	0 / 16	fully automatic, closed without pressure	0.635	R412007223

Reservoir: Polycarbonate
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Filter pressure regulator, Series AS3-FRE

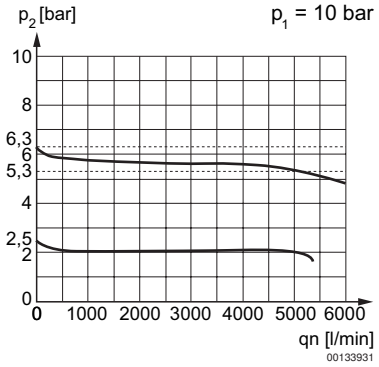
► G 3/8 - G 1/2 ► filter porosity: 40 µm ► lockable ► ATEX certified

Pressure characteristics curve



p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Flow rate characteristic (p2: 0,5 - 8 bar)

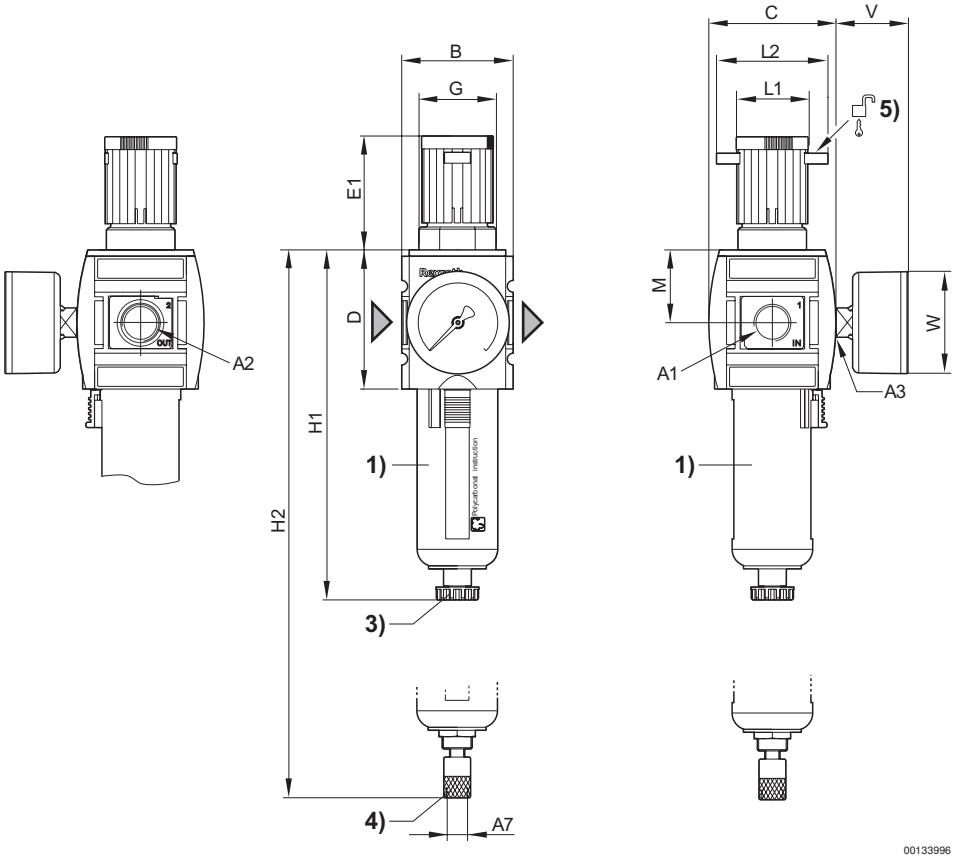


p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Filter pressure regulator, Series AS3-FRE

► G 3/8 - G 1/2 ► filter porosity: 40 µm ► lockable ► ATEX certified

Dimensions



1) Plastic reservoir and protective guard with window
3) Semi-automatic condensate drain
4) Fully automatic condensate drain
5) Mounting option for padlocks; max. shackle Ø 8

A1	A2	A3	A7	B	C	D	E1	G	H1	H2	L1	L2
G 3/8	G 1/2	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	189.5	206	41	60
G 1/2	G 1/2	G 1/4	G 1/8	63	74	80	63.5	M42x1,5	189.5	206	41	60

A1	M	V	W										
G 3/8	42.5	33	50										
G 1/2	42.5	33	50										

Filter, Series AS3-FLS

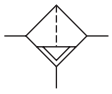
► G 3/8 - G 1/2 ► filter porosity: 40 µm ► ATEX certified

00119385

ATEX	II 2G2D T4 X
Version	Standard filter, Can be assembled into blocks
Installation location	vertical
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	See table below
Medium	Compressed air
Filter element	exchangeable
filter porosity	40 μm
Filter reservoir volume	49 cm³
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Reservoir	Polycarbonate
Protective guard	Polyamide
Filter insert	Sintered bronze

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- max. particle count as per ISO 8573-4 at the outlet: 10 mg/m³

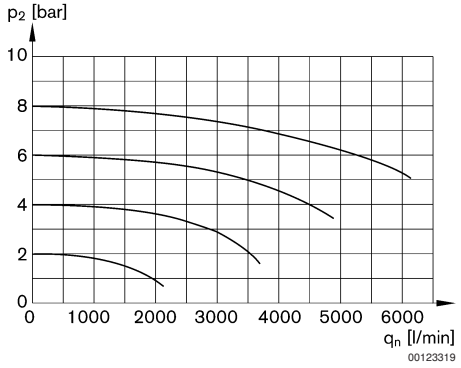
	Port	Qn	Working pressure min./ max.	Condensate drain	Reservoir	Weight	Part No.
		[l/min]				[kg]	
	G 3/8	3500	1.5 / 16	semi-automatic, open without pressure	Polycarbonate	0.361	R412007003
	G 3/8		1.5 / 16	fully automatic, open without pressure		0.41	R412007004
	G 3/8		0 / 16	fully automatic, closed without pressure		0.41	R412007005
	G 1/2		1.5 / 16	semi-automatic, open without pressure		0.361	**R412007012**
	G 1/2		1.5 / 16	fully automatic, open without pressure		0.41	**R412007013**
	G 1/2		0 / 16	fully automatic, closed without pressure		0.41	R412007014

Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Filter, Series AS3-FLS

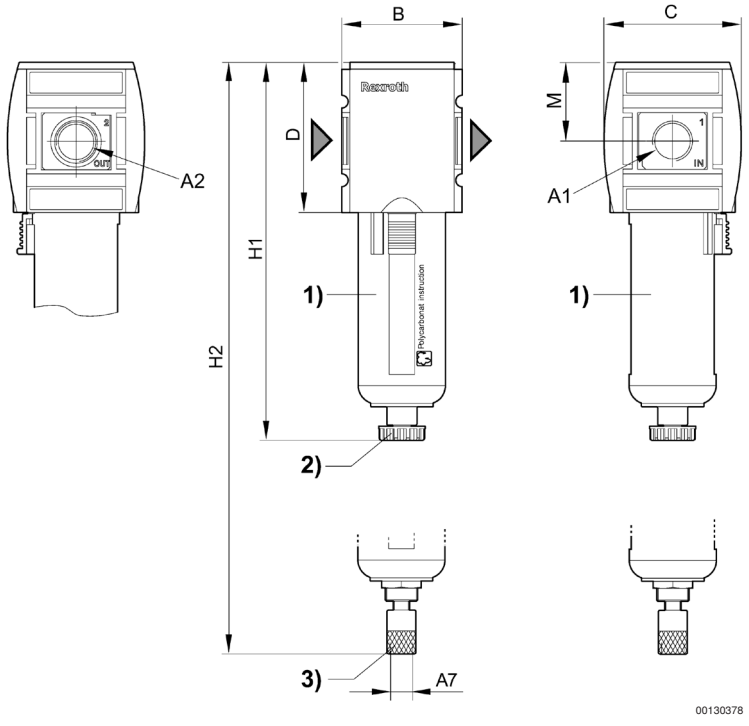
► G 3/8 - G 1/2 ► filter porosity: 40 µm ► ATEX certified

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

Dimensions



1) Plastic reservoir and protective guard with window
2) Semi-automatic condensate drain
3) Fully automatic condensate drain

Part No.	A1	A2	A7	B	C	D	H1	H2	M			
R412007003	G 3/8	G 3/8	G 1/8	63	74	80	189.5	206	42.5			
R412007004	G 3/8	G 3/8	G 1/8	63	74	80	189.5	206	42.5			
R412007005	G 3/8	G 3/8	G 1/8	63	74	80	189.5	206	42.5			
R412007012	G 1/2	G 1/2	G 1/8	63	74	80	189.5	206	42.5			
R412007013	G 1/2	G 1/2	G 1/8	63	74	80	189.5	206	42.5			
R412007014	G 1/2	G 1/2	G 1/8	63	74	80	189.5	206	42.5			

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for detailed information

Filter, Series AS3-FLS

► G 1/2 ► filter porosity: 25 µm ► ATEX certified

00133768

ATEX	II 2G2D T4 X
Version	Standard filter, Can be assembled into blocks
Installation location	vertical
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	1.5 bar / 16 bar
Medium	Compressed air
Filter element	exchangeable
filter porosity	25 µm
Filter reservoir volume	49 cm³
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Reservoir	Die cast zinc
Protective guard	Polyamide
Filter insert	Sintered bronze

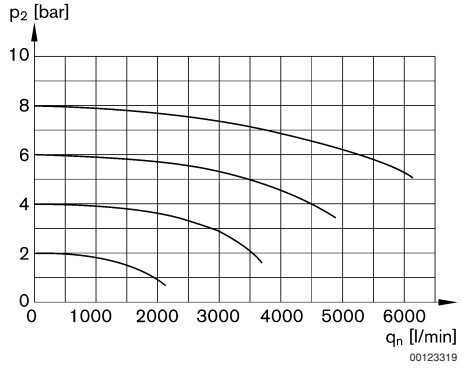
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- max. particle count as per ISO 8573-4 at the outlet: 10 mg/m³

	Port	Qn [l/min]	Condensate drain	Reservoir	Weight [kg]	Part No.
	G 1/2	3500	semi-automatic, open without pressure	Die cast zinc	0.361	R412007090

Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Flow rate characteristic



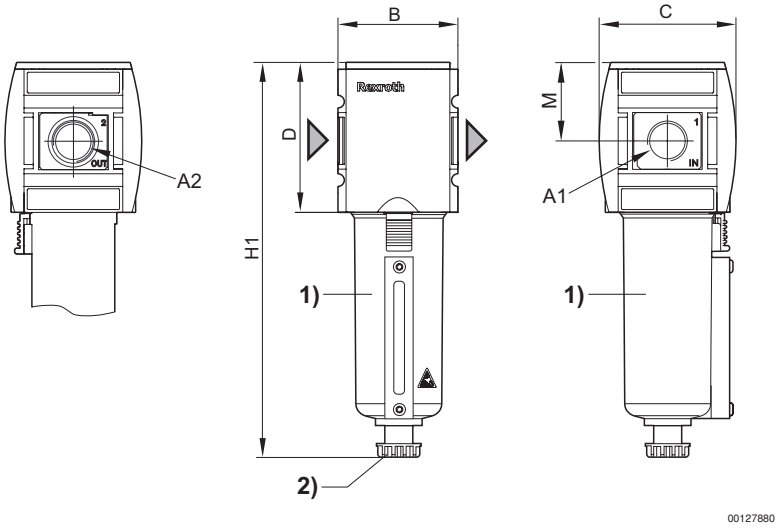
00123319

p2 = secondary pressure
qn = nominal flow

Filter, Series AS3-FLS

► G 1/2 ► filter porosity: 25 µm ► ATEX certified

Dimensions



1) Metal reservoir with level indicator
2) Semi-automatic condensate drain

Part No.	A1	A2	B	C	D	H1	M					
R412007090	G 1/2	G 1/2	63	74	80	193.5	42.5					

Filter, Series AS3-FLS

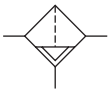
► G 3/8 - G 1/2 ► filter porosity: 5 µm ► ATEX certified

00119385

ATEX	II 2G2D T4 X
Version	Standard filter, Can be assembled into blocks
Installation location	vertical
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	See table below
Medium	Compressed air
Filter element	exchangeable
filter porosity	5 μm
Filter reservoir volume	49 cm³
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Filter insert	Polyethylene

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- max. particle count as per ISO 8573-4 at the outlet: 5 mg/m³

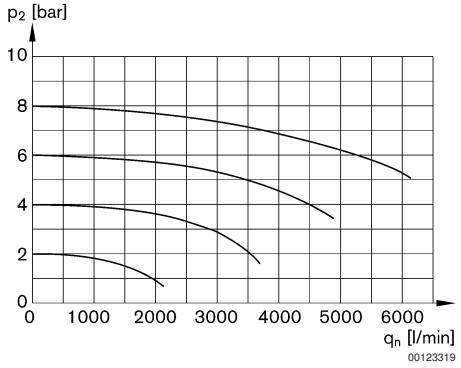
	Port	Qn	Working pressure min./max.	Condensate drain	Reservoir	Protective guard	Weight	Part No.
		[l/min]					[kg]	
	G 3/8	3500	1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.361	**R412007000**
	G 3/8		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.41	**R412007001**
	G 3/8		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.41	**R412007002**
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.723	R412007006
	G 3/8		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.79	R412007007
	G 3/8		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.79	R412007008
	G 1/2		1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.361	**R412007009**
	G 1/2		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.41	**R412007010**
	G 1/2		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.41	**R412007011**
	G 1/2		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.716	R412007015
	G 1/2		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.769	**R412007016**
	G 1/2		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.769	R412007017

Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Filter, Series AS3-FLS

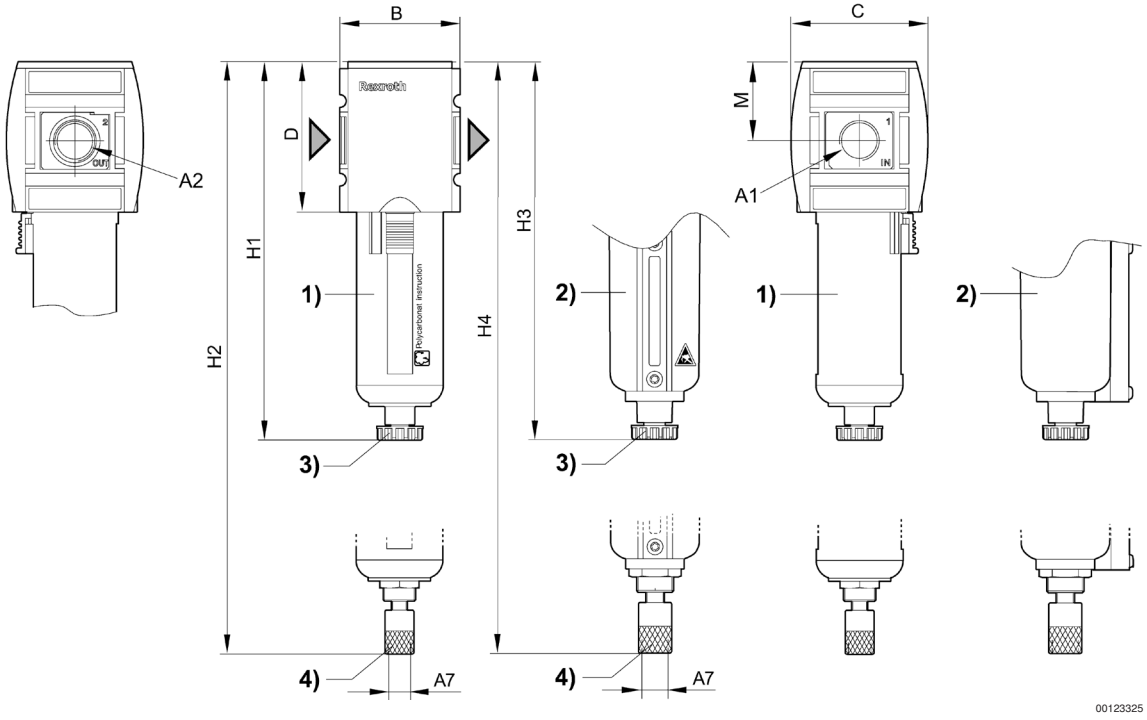
► G 3/8 - G 1/2 ► filter porosity: 5 µm ► ATEX certified

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

Dimensions



1) Plastic reservoir and protective guard with window
2) Metal reservoir with inspection glass
3) Semi-automatic condensate drain
4) Fully automatic condensate drain

Part No.	A1	A2	A7	B	C	D	H1	H2	H3	H4	M	
R412007000	G 3/8	G 3/8	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	
R412007001	G 3/8	G 3/8	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	
R412007002	G 3/8	G 3/8	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	
R412007006	G 3/8	G 3/8	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	
R412007007	G 3/8	G 3/8	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	

Filter, Series AS3-FLS

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► ATEX certified

Part No.	A1	A2	A7	B	C	D	H1	H2	H3	H4	M	
R412007008	G 3/8	G 3/8	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	
R412007009	G 1/2	G 1/2	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	
R412007010	G 1/2	G 1/2	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	
R412007011	G 1/2	G 1/2	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	
R412007015	G 1/2	G 1/2	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	
R412007016	G 1/2	G 1/2	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	
R412007017	G 1/2	G 1/2	G 1/8	63	74	80	189.5	206	193.5	210.5	42.5	

Pre-filter, Series AS3-FLP

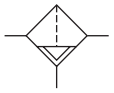
► G 3/8 - G 1/2 ► filter porosity: 0.3 µm ► ATEX certified

00127784

ATEX	II 2G2D T4 X
Version	Pre-filter, Can be assembled into blocks
Installation location	vertical
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	See table below
Medium	Compressed air
Filter element	exchangeable
filter porosity	0.3 µm
Filter reservoir volume	49 cm³
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Filter insert	Impregnated paper

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Recommended pre-filtering: 5 µm
- max. residual oil content at the outlet: 1 mg/m³
- max. particle count as per ISO 8573-4 at the outlet: 100000 1/m³
- solid impurities in the compressed air at the outlet as per ISO 8573-1: class 2

	Port	Qn	Working pressure min./max.	Condensate drain	Reservoir	Protective guard	Weight	Part No.
		[l/min]					[kg]	
	G 3/8	900	1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.361	**R412007018**
	G 3/8		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.41	**R412007019**
	G 3/8		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.41	**R412007020**
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.778	R412007024
	G 3/8		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.831	R412007025
	G 3/8		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.831	R412007026
	G 1/2		1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.361	**R412007027**
	G 1/2		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.41	**R412007028**
	G 1/2		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.41	**R412007029**
	G 1/2		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.757	R412007033
	G 1/2		1.5 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.81	R412007034
	G 1/2		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.81	R412007035

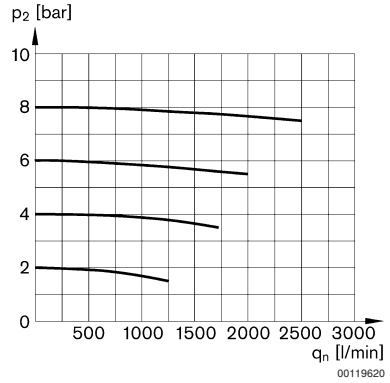
Nominal flow Qn at 6.3 bar and Δp = 0.1 bar.

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for detailed information

Pre-filter, Series AS3-FLP

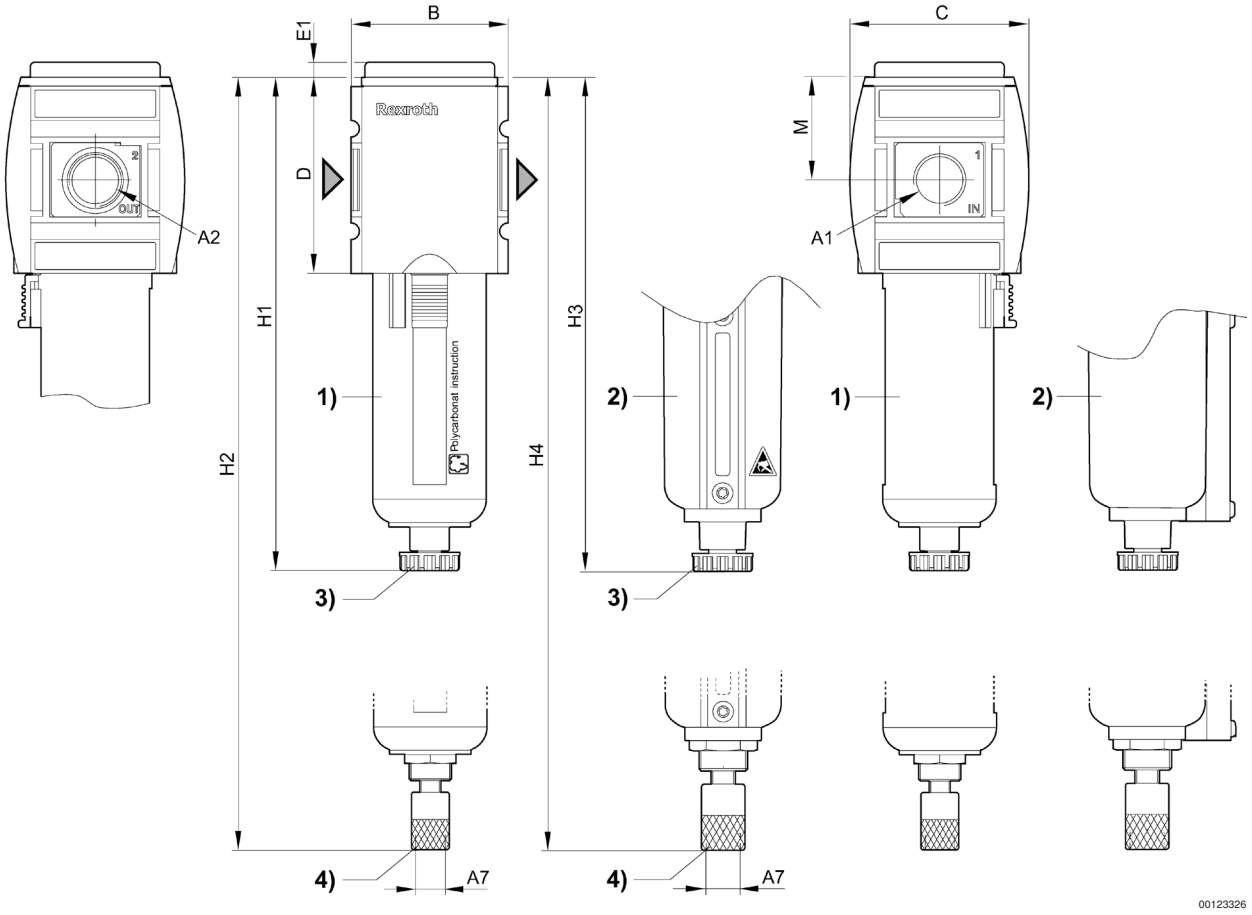
► G 3/8 - G 1/2 ► filter porosity: 0.3 µm ► ATEX certified

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

Dimensions



1) Plastic reservoir and protective guard with window
2) Metal reservoir with inspection glass
3) Semi-automatic condensate drain
4) Fully automatic condensate drain

Pre-filter, Series AS3-FLP

► G 3/8 - G 1/2 ► filter porosity: 0.3 µm ► ATEX certified

Part No.	A1	A2	A7	B	C	D	E1	H1	H2	H3	H4	M
R412007018	G 3/8	G 3/8	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007019	G 3/8	G 3/8	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007020	G 3/8	G 3/8	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007024	G 3/8	G 3/8	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007025	G 3/8	G 3/8	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007026	G 3/8	G 3/8	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007027	G 1/2	G 1/2	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007028	G 1/2	G 1/2	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007029	G 1/2	G 1/2	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007033	G 1/2	G 1/2	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007034	G 1/2	G 1/2	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007035	G 1/2	G 1/2	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5

Microfilter, Series AS3-FLC

► G 3/8 - G 1/2 ► filter porosity: 0.01 µm ► ATEX certified

00127784

ATEX	II 2G2D T4 X
Version	Microfilter, Can be assembled into blocks
Installation location	vertical
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	See table below
Medium	Compressed air
Filter element	exchangeable
filter porosity	0.01 μm
Filter reservoir volume	49 cm³
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Filter insert	Borosilicate glass fiber

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Recommended pre-filtering: 0.3 μm
- max. residual oil content at the outlet: 0.01 mg/m³
- solid impurities in the compressed air at the outlet as per ISO 8573-1: class 1

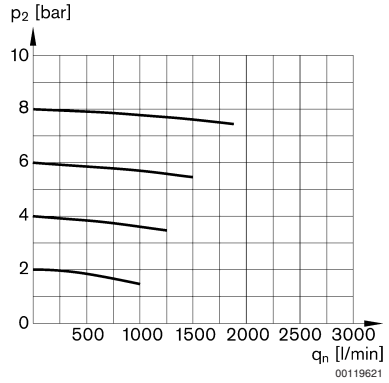
	Port	Qn	Working pressure min./max.	Condensate drain	Reservoir	Protective guard	Weight	Part No.
		[l/min]					[kg]	
	G 3/8	700	1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.361	**R412007036**
	G 3/8		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.41	**R412007037**
	G 3/8		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.41	**R412007038**
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.78	R412007042
	G 3/8		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.833	R412007043
	G 3/8		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.833	R412007044
	G 1/2		1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.361	**R412007045**
	G 1/2		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.41	**R412007046**
	G 1/2		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.41	**R412007047**
	G 1/2		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.759	R412007051
	G 1/2		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.812	**R412007052**
	G 1/2		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.733	R412007053

Nominal flow Qn at 6.3 bar and Δp = 0.1 bar.

Microfilter, Series AS3-FLC

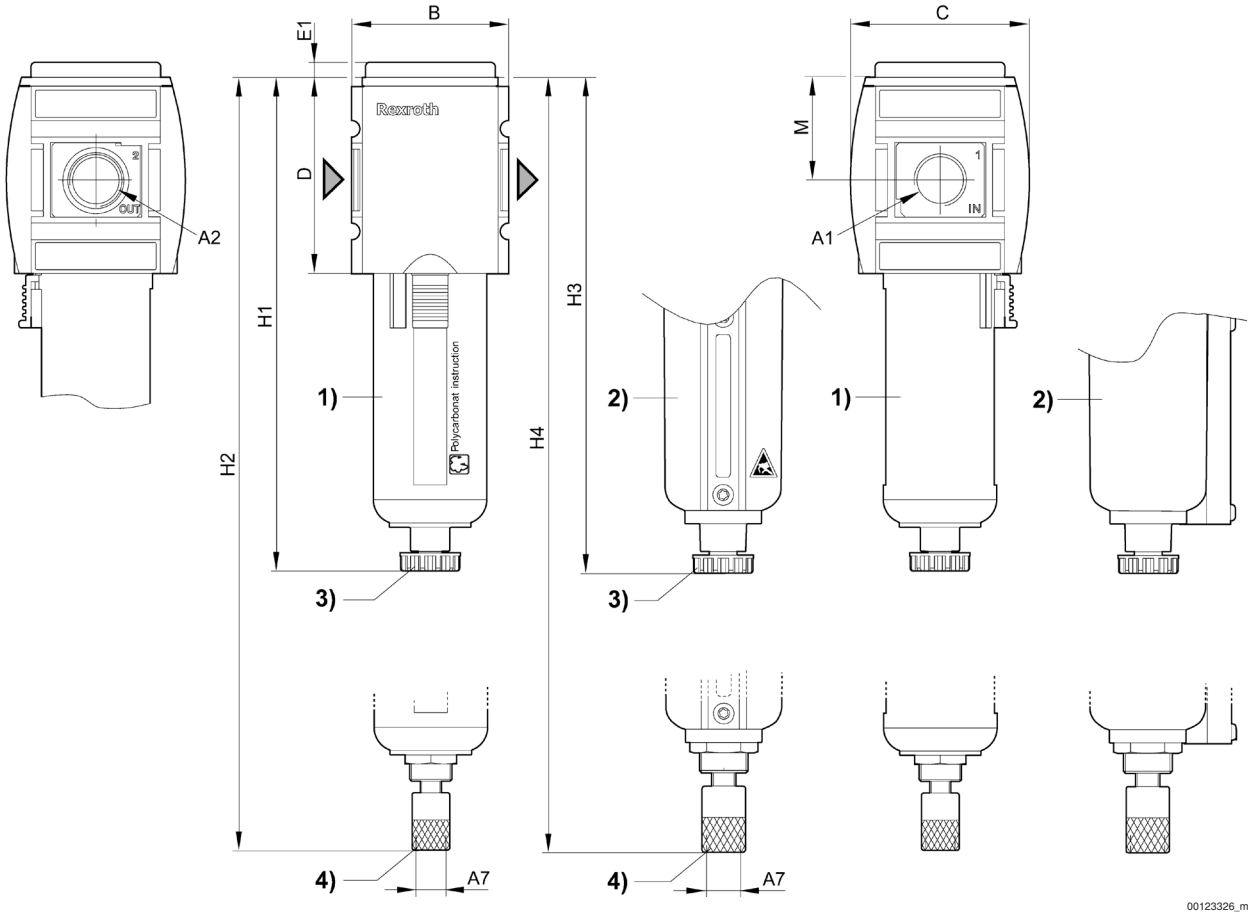
► G 3/8 - G 1/2 ► filter porosity: 0.01 µm ► ATEX certified

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

Dimensions



1) Plastic reservoir and protective guard with window
2) Metal reservoir with inspection glass
3) Semi-automatic condensate drain
4) Fully automatic condensate drain

Microfilter, Series AS3-FLC

► G 3/8 - G 1/2 ► filter porosity: 0.01 µm ► ATEX certified

Part No.	A1	A2	A7	B	C	D	E1	H1	H2	H3	H4	M
R412007036	G 3/8	G 3/8	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007037	G 3/8	G 3/8	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007038	G 3/8	G 3/8	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007042	G 3/8	G 3/8	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007043	G 3/8	G 3/8	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007044	G 3/8	G 3/8	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007045	G 1/2	G 1/2	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007046	G 1/2	G 1/2	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007047	G 1/2	G 1/2	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007051	G 1/2	G 1/2	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007052	G 1/2	G 1/2	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5
R412007053	G 1/2	G 1/2	G 1/8	63	74	80	5	189.5	206	193.5	210.5	42.5

Preparation of compressed air → Maintenance units and components

Microfilter, Series AS3-FLC

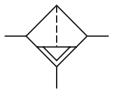
► G 3/8 - G 1/2 ► filter porosity: 0.01 µm ► contamination display: integrated ► ATEX certified

00119623

ATEX	II 2G2D T4 X
Version	Microfilter, Can be assembled into blocks
Installation location	vertical
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	See table below
Medium	Compressed air
Filter element	exchangeable
filter porosity	0.01 μm
Filter reservoir volume	49 cm³
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Filter insert	Borosilicate glass fiber

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Recommended pre-filtering: 0.3 μm
- max. residual oil content at the outlet: 0.01 mg/m³
- solid impurities in the compressed air at the outlet as per ISO 8573-1: class 1

	Port	Qn	Working pressure min./max.	Condensate drain	Reservoir	Protective guard	Weight	Part No.
		[l/min]					[kg]	
	G 3/8	700	1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.361	R412007054
	G 3/8		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.41	R412007055
	G 3/8		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.41	**R412007056**
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.783	R412007060
	G 3/8		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.757	R412007061
	G 3/8		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.757	R412007062
	G 1/2		1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.361	**R412007063**
	G 1/2		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.41	**R412007064**
	G 1/2		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.762	**R412007065**
	G 1/2		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.762	R412007069
	G 1/2		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.736	R412007070
	G 1/2		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.736	R412007071

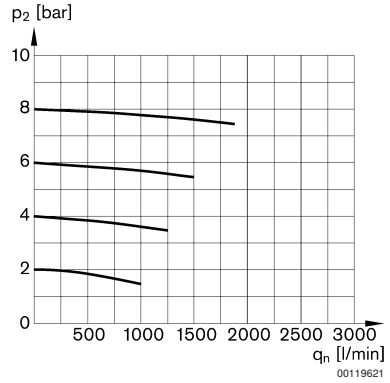
Nominal flow Qn at 6.3 bar and Δp = 0.1 bar.

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for detailed information

Microfilter, Series AS3-FLC

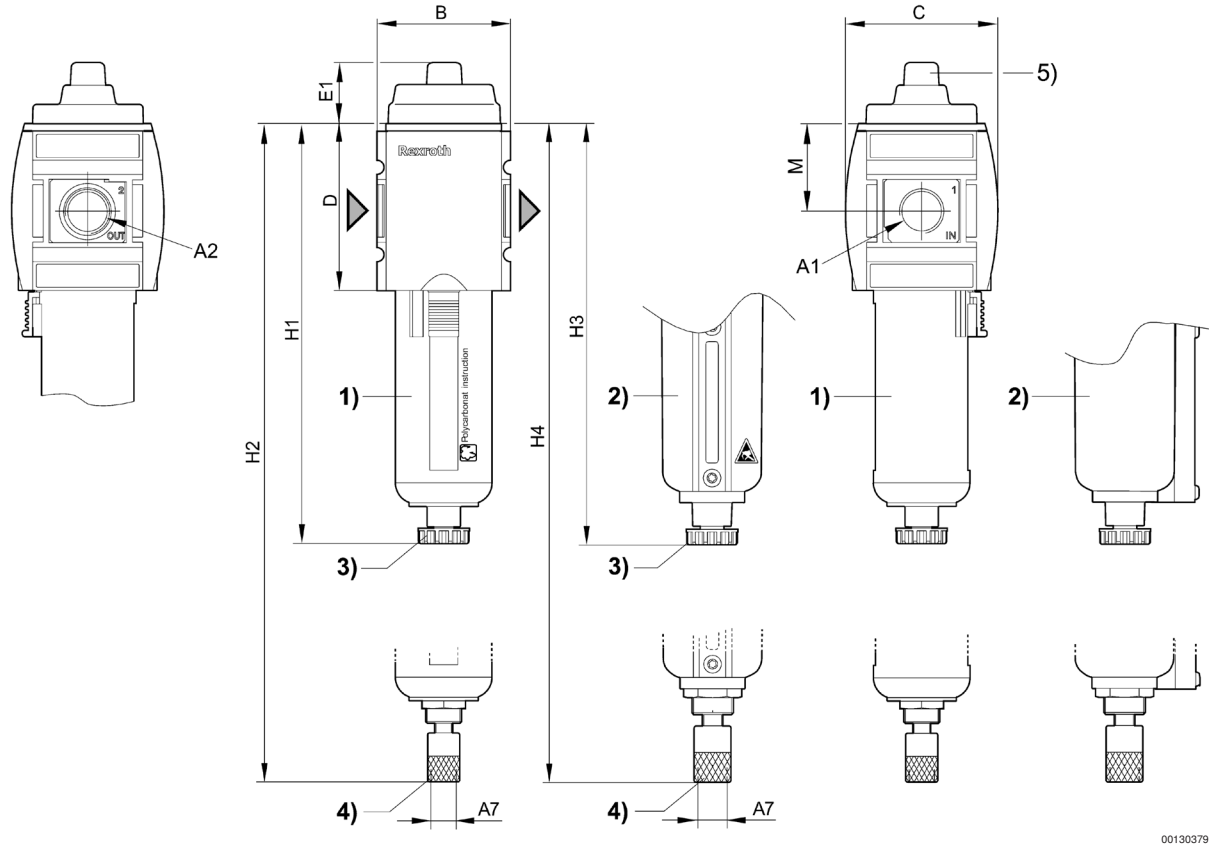
► G 3/8 - G 1/2 ► filter porosity: 0.01 µm ► contamination display: integrated ► ATEX certified

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

Dimensions



1) Plastic reservoir and protective guard with window
2) Metal reservoir with inspection glass
3) Semi-automatic condensate drain
4) Fully automatic condensate drain
5) contamination display

Microfilter, Series AS3-FLC

► G 3/8 - G 1/2 ► filter porosity: 0.01 µm ► contamination display: integrated ► ATEX certified

Part No.	A1	A2	A7	B	C	D	E1	H1	H2	H3	H4	M
R412007054	G 3/8	G 3/8	G 1/8	63	74	80	23.7	189.5	206	193.5	210.5	42.5
R412007055	G 3/8	G 3/8	G 1/8	63	74	80	23.7	189.5	206	193.5	210.5	42.5
R412007056	G 3/8	G 3/8	G 1/8	63	74	80	23.7	189.5	206	193.5	210.5	42.5
R412007060	G 3/8	G 3/8	G 1/8	63	74	80	23.7	189.5	206	193.5	210.5	42.5
R412007061	G 3/8	G 3/8	G 1/8	63	74	80	23.7	189.5	206	193.5	210.5	42.5
R412007062	G 3/8	G 3/8	G 1/8	63	74	80	23.7	189.5	206	193.5	210.5	42.5
R412007063	G 1/2	G 1/2	G 1/8	63	74	80	23.7	189.5	206	193.5	210.5	42.5
R412007064	G 1/2	G 1/2	G 1/8	63	74	80	23.7	189.5	206	193.5	210.5	42.5
R412007065	G 1/2	G 1/2	G 1/8	63	74	80	23.7	189.5	206	193.5	210.5	42.5
R412007069	G 1/2	G 1/2	G 1/8	63	74	80	23.7	189.5	206	193.5	210.5	42.5
R412007070	G 1/2	G 1/2	G 1/8	63	74	80	23.7	189.5	206	193.5	210.5	42.5
R412007071	G 1/2	G 1/2	G 1/8	63	74	80	23.7	189.5	206	193.5	210.5	42.5

Active carbon filter, Series AS3-FLA

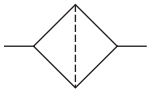
► G 3/8 - G 1/2 ► ATEX certified

00121762

ATEX	II 2G2D T4 X
Version	Active carbon filter, Can be assembled into blocks
Installation location	vertical
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	0 bar / 16 bar
Medium	Compressed air
Filter element	exchangeable
Filter reservoir volume	49 cm³
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Filter insert	Active carbon

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Recommended pre-filtering: 0.01 µm
- max. residual oil content at the outlet: 0.005 mg/m³

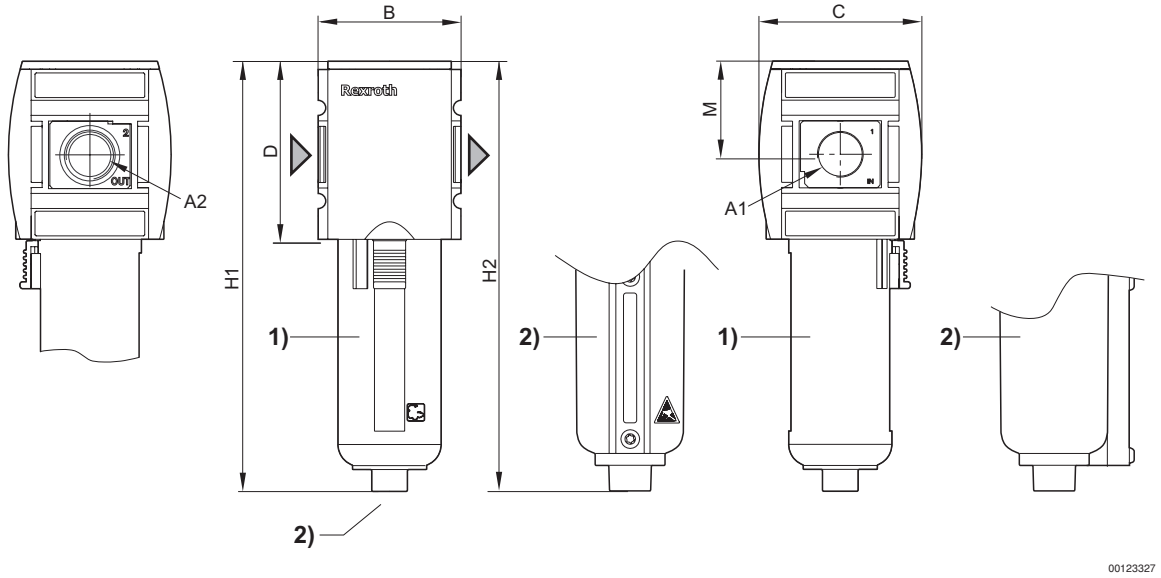
	Port	Qn	Condensate drain	Reservoir	Protective guard	Weight	Part No.
		[l/min]				[kg]	
	G 3/8	1000	without	Polycarbonate	Polyamide	0.375	**R412007072**
	G 3/8			Die cast zinc with window	-	0.751	**R412007074**
	G 1/2			Polycarbonate	Polyamide	0.375	**R412007075**
	G 1/2			Die cast zinc with window	-	0.73	**R412007077**

Nominal flow Qn at 6.3 bar and Δp = 0.1 bar.

Active carbon filter, Series AS3-FLA

► G 3/8 - G 1/2 ► ATEX certified

Dimensions



1) Plastic reservoir and protective guard with window
2) Metal reservoir with inspection glass

Part No.	A1	A2	B	C	D	H1	H2	M			
R412007072	G 3/8	G 3/8	63	74	80	183	187	42.5			
R412007074	G 3/8	G 3/8	63	74	80	183	187	42.5			
R412007075	G 1/2	G 1/2	63	74	80	183	187	42.5			
R412007077	G 1/2	G 1/2	63	74	80	183	187	42.5			

Diaphragm-type dryer, Series AS3-ADD

► G 1/2

00134257

Version	Diaphragm-type dryer
Installation location	vertical
Ambient temperature min./max.	+2°C / +50°C
Medium temperature min./max.	+2°C / +50°C
Working pressure min./max.	4 bar / 12.5 bar
Medium	Compressed air
Lowering pressure dew point	20 °C
Filter element	not exchangeable
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Reservoir	Aluminum

Technical Remarks
■ Note: air may not contain condensate
■ purge air approx. 12% of nominal flow Qn
■ Recommended pre-filtering [µm]: 5 / 0.01 µm

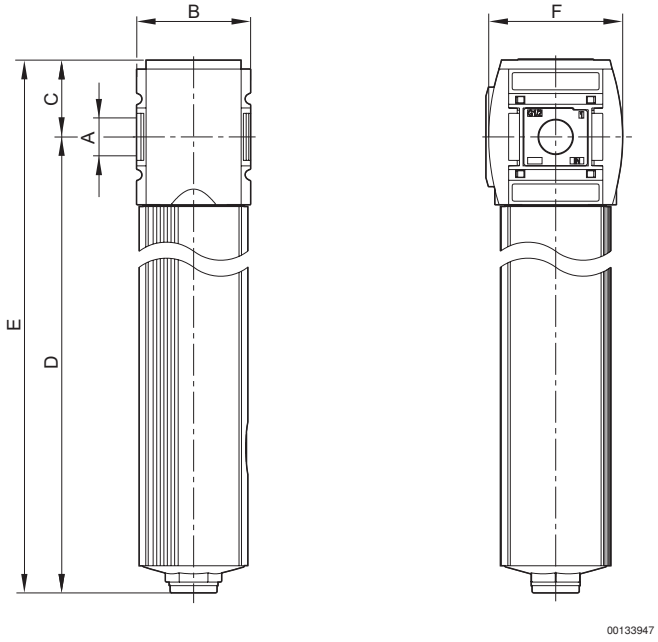
	Port	Qn	Reservoir	Note	Weight	Part No.
		[l/min]			[kg]	
	G 1/2	400	Aluminum	-	2.03	R412007078
		500		1)	3.26	R412007079
		660		1)	3.56	R412007080
		950		1)	3.9	R412007081

1) incl. distributor

Diaphragm-type dryer, Series AS3-ADD

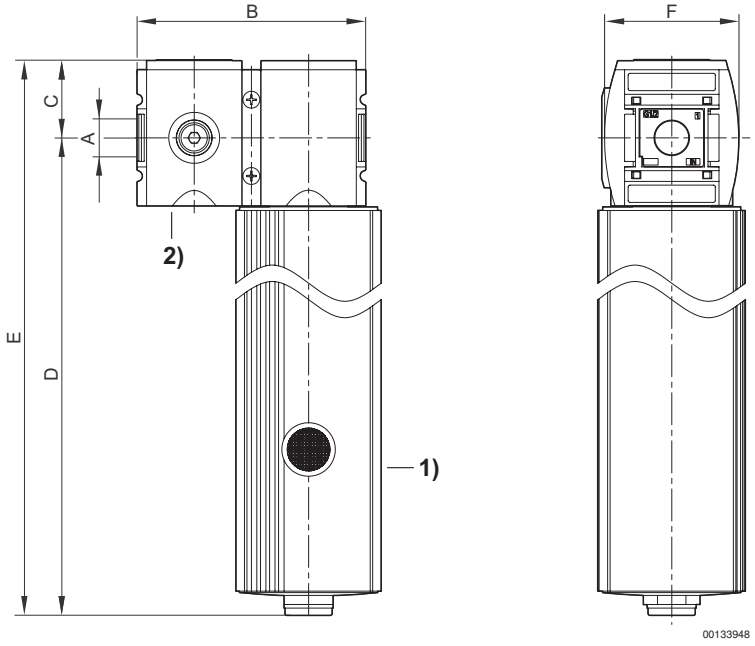
► G 1/2

Dimensions



Part No.	A	B	C	D	E	F						
R412007078	G 1/2	63	43	478	521	74						

Dimensions



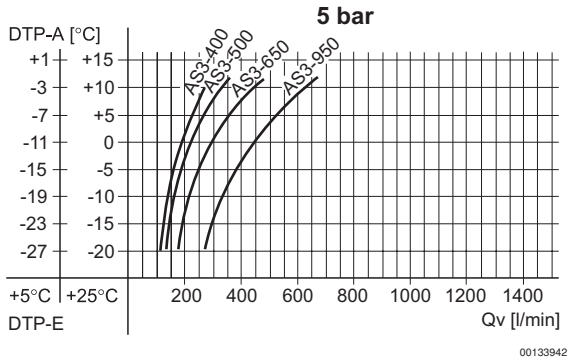
1) Diaphragm-type dryer
2) Distributor

Diaphragm-type dryer, Series AS3-ADD

► G 1/2

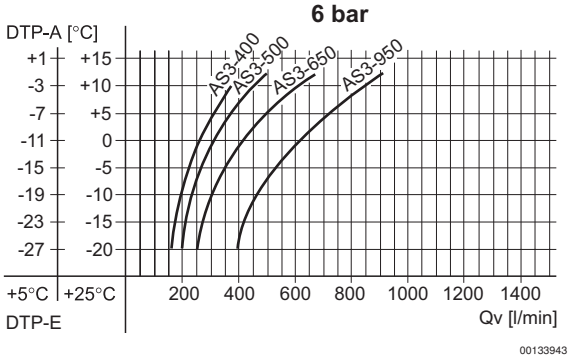
Part No.	A	B	C	D	E	F						
R412007079	G 1/2	126	43	464	507	74						
R412007080	G 1/2	126	43	515	558	74						
R412007081	G 1/2	126	43	584	627	74						

performance charts



DTP-E: pressure dew point input
DTP-A: pressure dew point output
Qv: input flow rate (nominal flow rate Qn + purge air)
For different conditions, please contact the nearest Bosch Rexroth sales office.

performance charts



DTP-E: pressure dew point input
DTP-A: pressure dew point output
Qv: input flow rate (nominal flow rate Qn + purge air)
For different conditions, please contact the nearest Bosch Rexroth sales office.

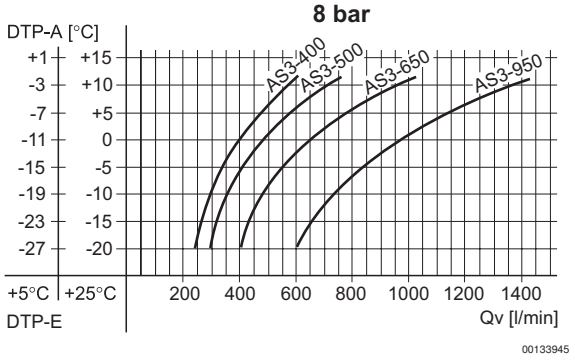
Diaphragm-type dryer, Series AS3-ADD

► G 1/2

performance charts

DTP-E: pressure dew point input
DTP-A: pressure dew point output
Qv: input flow rate (nominal flow rate Qn + purge air)
For different conditions, please contact the nearest Bosch Rexroth sales office.

performance charts

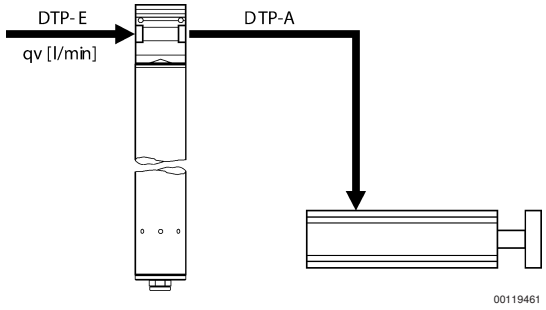


DTP-E: pressure dew point input
DTP-A: pressure dew point output
Qv: input flow rate (nominal flow rate Qn + purge air)
For different conditions, please contact the nearest Bosch Rexroth sales office.

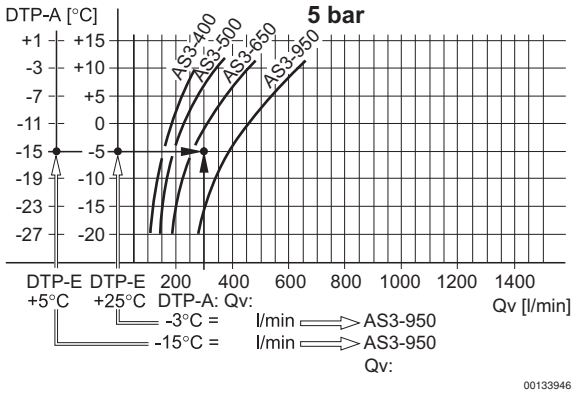
Diaphragm-type dryer, Series AS3-ADD

► G 1/2

example
wanted:suitable membrane dryer



Example
given values: Qn = 350 l/min, DTP-E = +5 [+25]°C,
searched values: DTP-A = -15 [-3]°C a suitable membrane dryer



Result: membrane dryer series AS3-950 (with a Qn of 950 l/min), part no. R412007081

Standard oil-mist lubricator, Series AS3-LBS

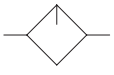
► G 3/8 - G 1/2 ► ATEX certified

00121761

ATEX	II 2G2D T4 X
Version	Oil-mist lubricator, Can be assembled into blocks
Installation location	vertical
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	0.5 bar / 16 bar
Medium	Compressed air
Lubricator reservoir volume	80 cm^3
Type of filling	Semi-automatic oil filling during operation Manual oil filling
Oil type	HLP 32 (DIN 51 524 - ISO VG 32) HLP 68 (DIN 51 524 - ISO VG 68)
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Electrical level detection only with ST6 sensor with reed contact, sensor holder included in the scope of the delivery.
- Oil dosing at 1000 l/min [drops/min]: 1-2

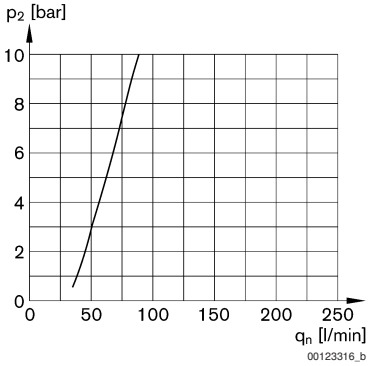
	Port	Qn	Reservoir	Protective guard	Note	Weight	Part No.
		[l/min]				[kg]	
	G 3/8	8000	Polycarbonate	Polyamide	-	0.343	**R412007225**
	G 3/8		Polycarbonate	Polyamide	1)	0.343	**R412007226**
	G 3/8		Die cast zinc with window	-	-	0.749	R412007229
	G 1/2		Polycarbonate	Polyamide	-	0.343	**R412007231**
	G 1/2		Polycarbonate	Polyamide	1)	0.343	**R412007232**
	G 1/2		Die cast zinc with window	-	-	0.728	**R412007235**

1) Electrical level detection: with external query
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Standard oil-mist lubricator, Series AS3-LBS

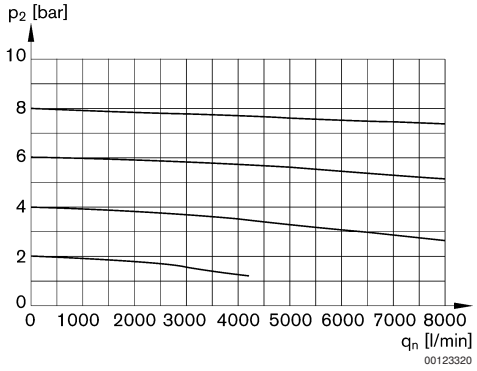
► G 3/8 - G 1/2 ► ATEX certified

Lubricator activation margin



p2 = secondary pressure
qn = nominal flow

Flow rate characteristic

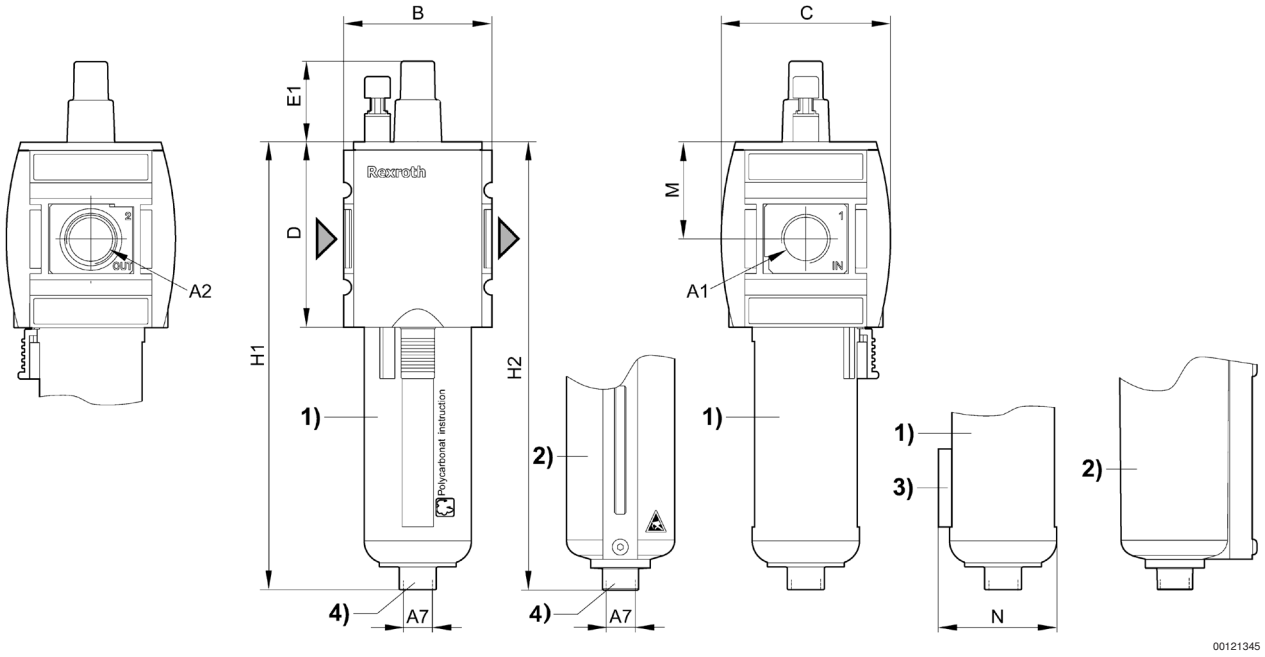


p2 = secondary pressure
qn = nominal flow

Standard oil-mist lubricator, Series AS3-LBS

► G 3/8 - G 1/2 ► ATEX certified

Dimensions



1) Plastic reservoir and protective guard with window
2) Metal reservoir with inspection glass
3) Holder for sensor
4) Port for semi-automatic oil filling

A1	A2	A7	B	C	D	E1	H1	H2	M	N			
G 3/8	G 3/8	G 1/8	63	74	80	27.5	183	187	42.5	48			
G 1/2	G 1/2	G 1/8	63	74	80	27.5	183	187	42.5	48			

Filling unit, electrically operated, Series AS3-SSU

► G 3/8 - G 1/2 ► pipe connection ► Electr. connection: Plug, ISO 15217, form C ► ATEX optional

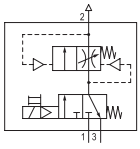
00119381

Parts	3/2-way valve, electrically operated, Filling valve
Version	Poppet valve, Can be assembled into blocks
Sealing principle	soft sealing
Working pressure min./max.	2.5 bar / 10 bar
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Max. particle size	5 µm
Materials:	
Housing	Polyamide
Seals	Acrylonitrile Butadiene Rubber
Front plate	Acrylonitrile butadiene styrene
Threaded bushing	Die cast zinc

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Builds up pressure slowly in the pneumatic systems, i.e. prevents a sudden pressure build-up during a restart after a mains pressure failure or avoids emergency OFF switching. This also avoids dangerous, jerky cylinder movements.
- ATEX optional: The ATEX ID depends on the selected pilot valve.

Operating voltage			Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz
			W	VA	VA	VA	VA
24 V	-	-	2	-	-	-	-
-	110 V	110 V	-	2.2	1.6	1.6	1.4
-	220 V	230 V	-	2.2	1.6	1.6	1.4

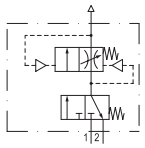
		Port	Exhaust	Operating voltage			Qn			Weight	Note	Part No.
				DC	AC 50 Hz	AC 60 Hz		1►2	2►3			
									[l/min]	[kg]		
		G 3/8	G 1/2	24 V	-	-	3500	3500	3200	0.924	1); 3); 4)	R412007278
		G 3/8		-	110 V	110 V						R412007279
		G 3/8		-	220 V	230 V						R412007280
		G 1/2		24 V	-	-						R412007283
		G 1/2		-	110 V	110 V						R412007284
		G 1/2		-	220 V	230 V						R412007285

1) Electr. connection: M12x1 electrical connector
2) With adjustment screw lock
3) IP65 (EN60529)
4) Basic valve with pilot valve
5) Basic valve without pilot valve
6) Basic valve without pilot valve, with CNOMO subbase
7) ATEX optional
Nominal flow Qn at 6.3 bar and Δp = 0.1 bar.

Preparation of compressed air → Maintenance units and components

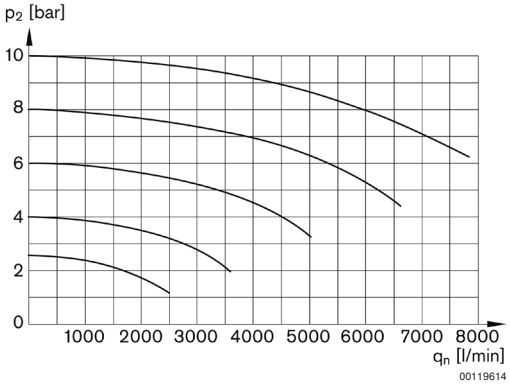
Filling unit, electrically operated, Series AS3-SSU

► G 3/8 - G 1/2 ► pipe connection ► Electr. connection: Plug, ISO 15217, form C ► ATEX optional

		Port	Ex-haust	Operating voltage			Qn			Weight	Note	Part No.
				DC	AC 50 Hz	AC 60 Hz		1►2	2►3			
									[l/min]	[kg]		
	-	G 1/2	G 1/2	24 V	-	-	3500	3500	3200	0.9	1); 2); 4)	R412007288
		G 3/8		-						0.889	5); 7)	R412007277
		G 1/2		-						0.889	5); 7)	R412007282
		G 3/8		-						0.895	6); 7)	R412007286
		G 1/2		-						0.895	6); 7)	R412007287

1) Electr. connection: M12x1 electrical connector
2) With adjustment screw lock
3) IP65 (EN60529)
4) Basic valve with pilot valve
5) Basic valve without pilot valve
6) Basic valve without pilot valve, with CNOMO subbase
7) ATEX optional
Nominal flow Qn at 6.3 bar and Δp = 0.1 bar.

Flow rate characteristic

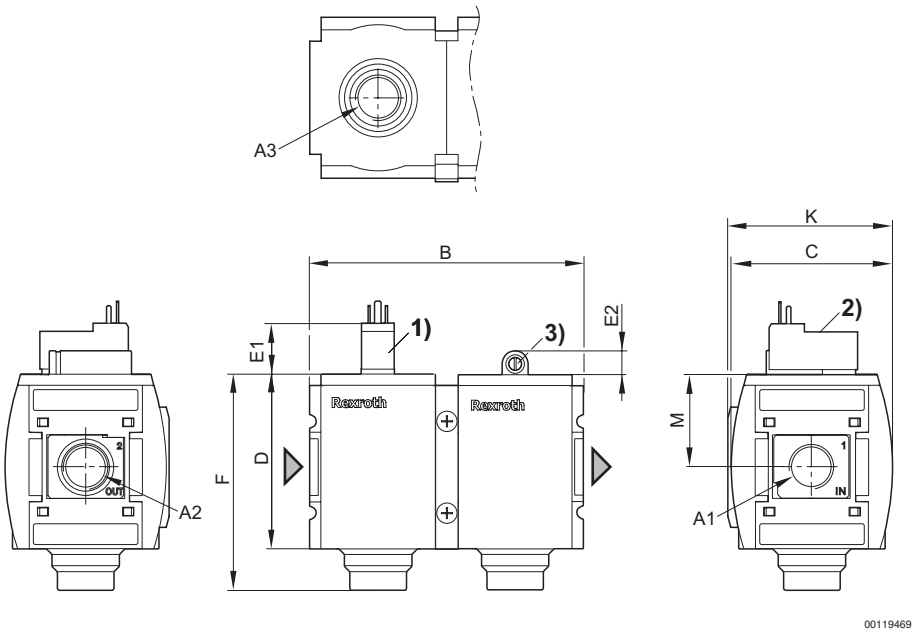


p2 = secondary pressure
qn = nominal flow

Filling unit, electrically operated, Series AS3-SSU

► G 3/8 - G 1/2 ► pipe connection ► Electr. connection: Plug, ISO 15217, form C ► ATEX optional

With pilot valve series DO16



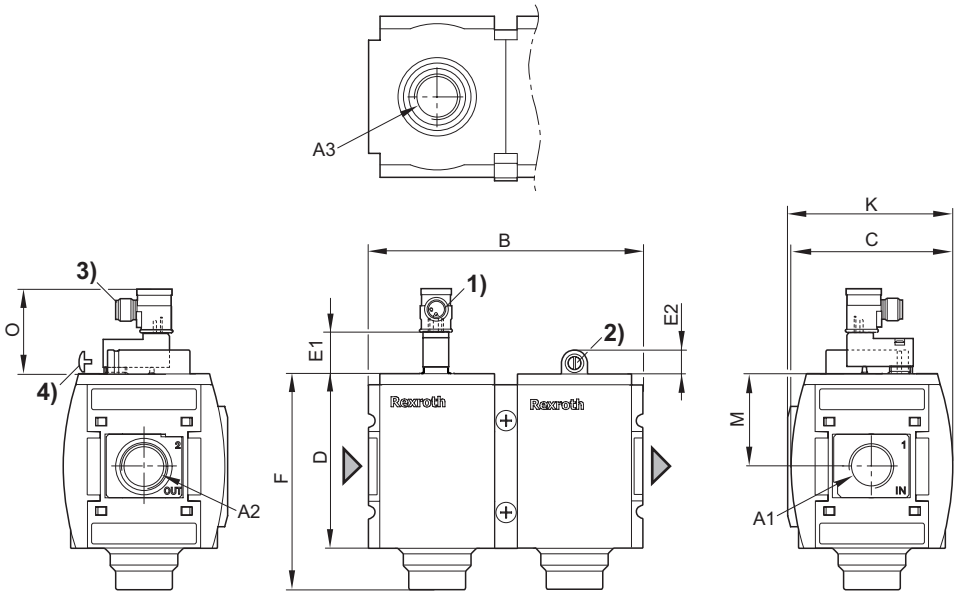
A1 = input
A2 = output
A3 = ventilation port
1) electrical connector form C, ISO 15217
2) Manual override
3) Adjustment screw for filling time

A1	A2	A3	B	C	D	E1	E2	F	K	M			
G 3/8	G 3/8	G 1/2	125.75	74	80	23.2	11	99	75.5	42.5			
G 1/2	G 1/2	G 1/2	125.75	74	80	23.2	11	99	75.5	42.5			

Filling unit, electrically operated, Series AS3-SSU

► G 3/8 - G 1/2 ► pipe connection ► Electr. connection: Plug, ISO 15217, form C ► ATEX optional

Electr. connection: M12x1 electrical connector



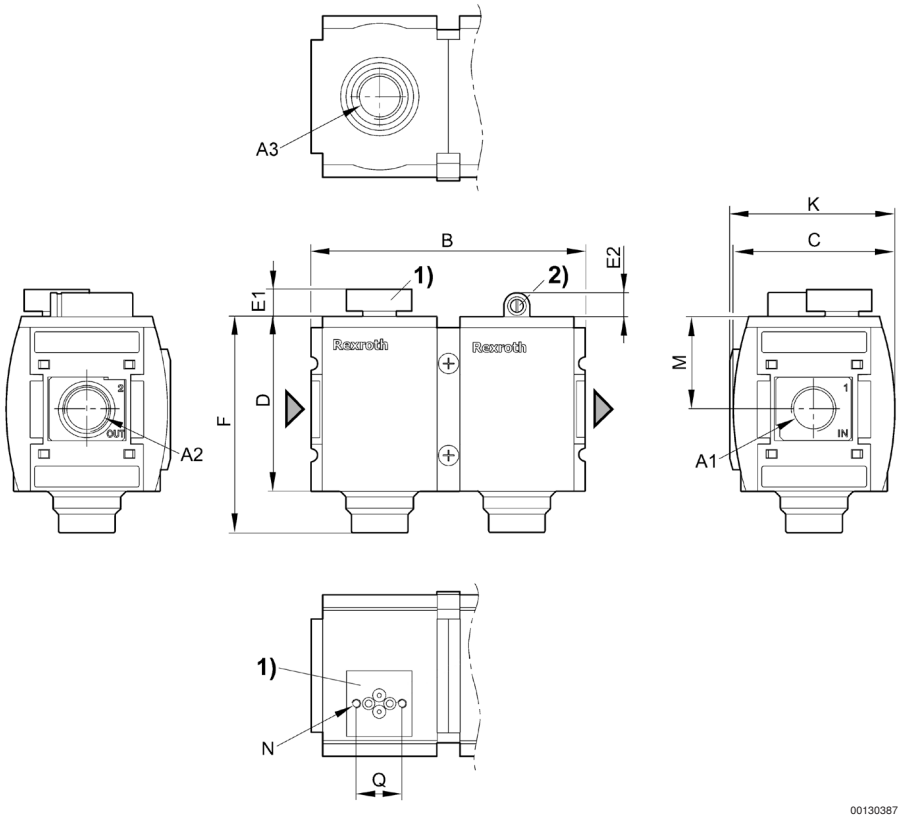
A1 = input
A2 = output
A3 = ventilation port
1) electrical connector form C, ISO 15217
2) Adjustment screw for filling time
3) Electr. connection: M12x1 electrical connector
4) Adjustment screw lock

A1	A2	A3	B	C	D	E1	E2	F	K	M	O		
G 3/8	G 3/8	G 1/2	125.75	74	80	12.3	11	99	75.5	42.5	25.5		
G 1/2	G 1/2	G 1/2	125.75	74	80	12.3	11	99	75.5	42.5	25.5		
G 3/8	G 1/2	G 1/2	125.75	74	80	12.3	11	99	75.5	42.5	25.5		

Filling unit, electrically operated, Series AS3-SSU

► G 3/8 - G 1/2 ► pipe connection ► Electr. connection: Plug, ISO 15217, form C ► ATEX optional

With transition plate for pilot valve series DO30



A1 = input
A2 = output
A3 = ventilation port
1) Transition plate with CNOMO porting configuration for pilot valve DO30
2) Adjustment screw for filling time

A1	A2	A3	B	C	D	E1	E2	F	K	M	N	Q	
G 3/8	G 3/8	G 1/2	125.75	74	80	12.3	11	99	75.5	42.5	M4	21	
G 1/2	G 1/2	G 1/2	125.75	74	80	12.3	11	99	75.5	42.5	M4	21	
G 3/8	G 1/2	G 1/2	125.75	74	80	12.3	11	99	75.5	42.5	M4	21	

Preparation of compressed air → Maintenance units and components

Filling unit, electrically operated, with electrical priority circuit, Series AS3-SSU

► G 1/2 ► pipe connection ► Electr. connection: Plug, M12x1

00134295

Parts	3/2-way valve, electrically operated, Filling valve with elect. priority circuit
Version	Poppet valve, Can be assembled into blocks
Sealing principle	soft sealing
Working pressure min./max.	2.5 bar / 10 bar
Ambient temperature min./max.	-10°C / +50°C
Medium temperature min./max.	-10°C / +50°C
Medium	Compressed air
Max. particle size	5 µm
Materials:	
Housing	Polyamide
Seals	Acrylonitrile Butadiene Rubber
Front plate	Acrylonitrile butadiene styrene
Threaded bushing	Die cast zinc

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Builds up pressure slowly in the pneumatic systems, i.e. prevents a sudden pressure build-up during a restart after a mains pressure failure or avoids emergency OFF switching. This also avoids dangerous, jerky cylinder movements.
- Actuating the electric priority circuit disrupts the slow pressure build-up and pressure p1 is immediately applied.

Operating voltage	Power consumption
DC	DC
	W
24 V	2

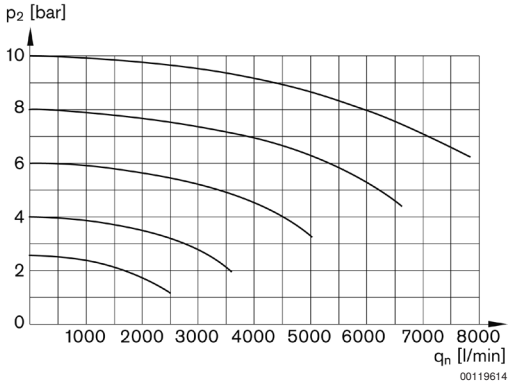
		Port	Operating voltage	Qn			Weight	Part No.
			DC		1►2	2►3		
						[l/min]	[kg]	
	⊢	G 1/2	24 V	3500	3500	3200	0.924	R412007292

Basic valve with pilot valve
Protection class according to EN 60529: IP 65
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Filling unit, electrically operated, with electrical priority circuit, Series AS3-SSU

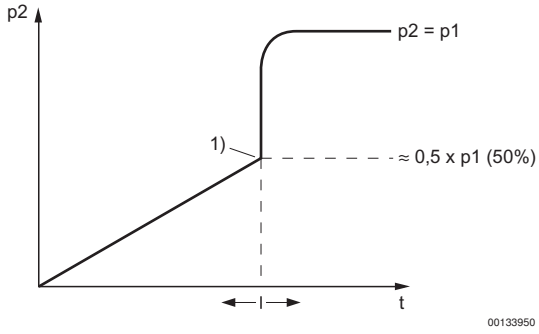
► G 1/2 ► pipe connection ► Electr. connection: Plug, M12x1

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

Start function

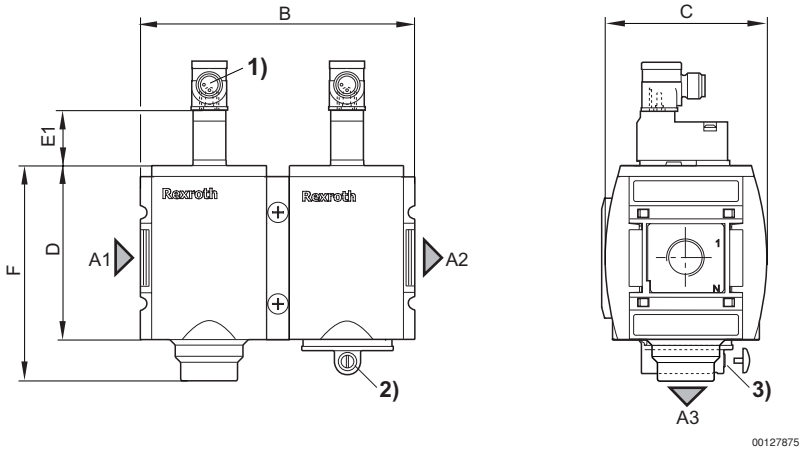


p2 = output pressure
t = adjustable filling time
1) Switching point

Filling unit, electrically operated, with electrical priority circuit, Series AS3-SSU

► G 1/2 ► pipe connection ► Electr. connection: Plug, M12x1

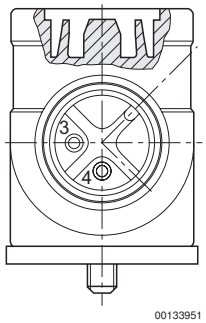
With pilot valve series DO16



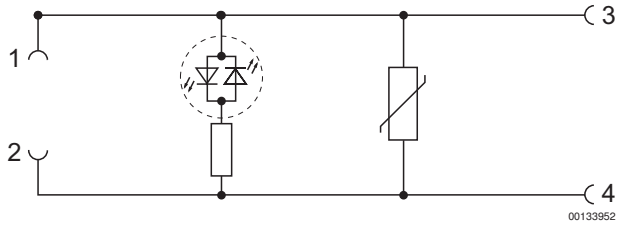
A1 = input
A2 = output
A3 = ventilation port
1) Electr. connection: M12x1 electrical connector
2) Adjustment screw for filling time
3) Adjustment screw lock

A1	A2	A3	B	C	D	E1	F	K	M				
G 1/2	G 1/2	G 1/2	125.75	74	80	23.2	99	75.5	42.5				

Pin assignment M12x1



circuit diagram



Filling unit, pneumatically operated, Series AS3-SSU

► G 3/8 - G 1/2 ► pipe connection ► ATEX certified

00119379

ATEX	II 2G2D T4 X
Parts	3/2-way valve, pneumatically operated, Filling valve
Version	Poppet valve, Can be assembled into blocks
Sealing principle	soft sealing
Working pressure min./max.	2.5 bar / 10 bar
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Max. particle size	5 µm
Materials:	
Housing	Polyamide
Seals	Acrylonitrile Butadiene Rubber
Front plate	Acrylonitrile butadiene styrene
Threaded bushing	Die cast zinc

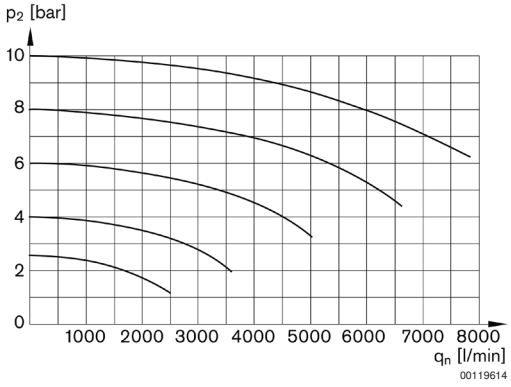
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Builds up pressure slowly in the pneumatic systems, i.e. prevents a sudden pressure build-up during a restart after a mains pressure failure or avoids emergency OFF switching. This also avoids dangerous, jerky cylinder movements.

	Port	Exhaust	Qn			Control pressure min./max.	Weight	Note	Part No.
				1►2	2►3				
				[l/min]		[bar]	[kg]		
	G 3/8	G 1/2	3500	3500	3200	2.5 / 16	0.924	-	R412007276
	G 1/2							-	R412007281
	G 1/2							1)	R412007289

1) With adjustment screw lock
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Flow rate characteristic



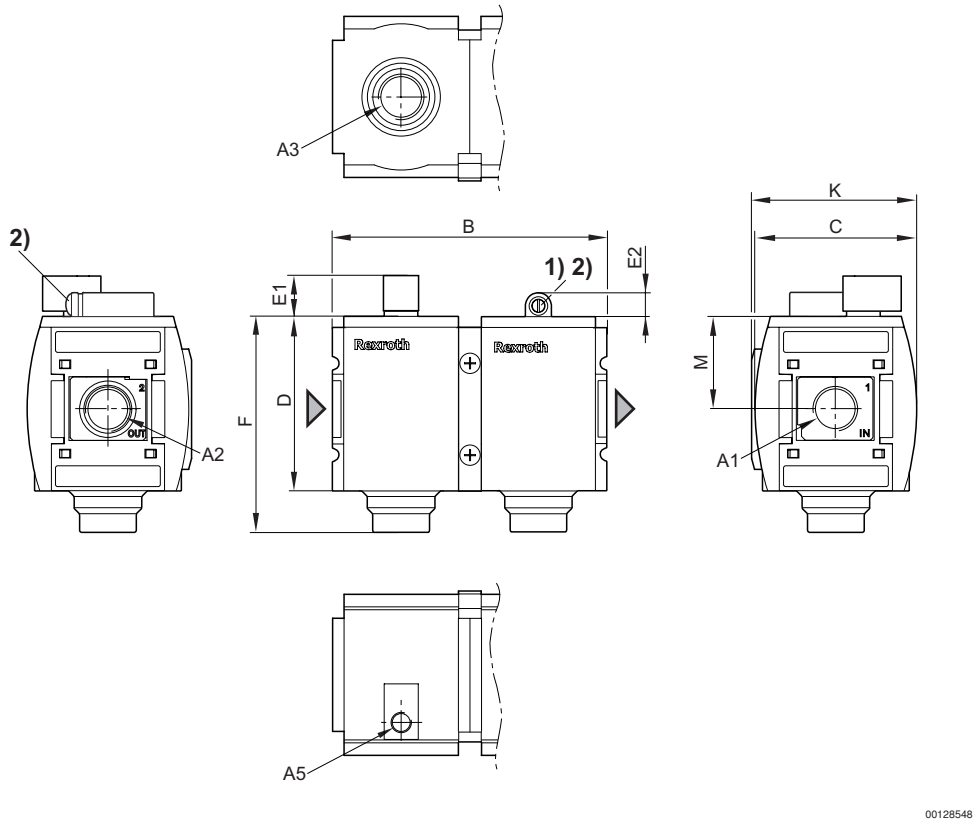
00119614

p2 = secondary pressure
qn = nominal flow

Filling unit, pneumatically operated, Series AS3-SSU

► G 3/8 - G 1/2 ► pipe connection ► ATEX certified

Dimensions



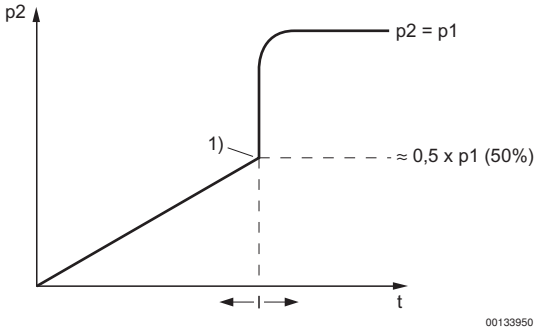
1) Adjustment screw for filling time
2) Adjustment screw lock
A1 = input
A2 = output
A3 = ventilation port
A5 = pilot connection

Part No.	A1	A2	A3	A5	B	C	D	E1	E2	F	K	M
R412007276	G 3/8	G 3/8	G 1/2	G 1/8	125.75	74	80	18.5	11	99	75.5	42.5
R412007281	G 1/2	G 1/2	G 1/2	G 1/8	125.75	74	80	18.5	11	99	75.5	42.5

Filling unit, pneumatically operated, Series AS3-SSU

► G 3/8 - G 1/2 ► pipe connection ► ATEX certified

Start function



p2 = output pressure
t = adjustable filling time
1) Switching point

Preparation of compressed air → Maintenance units and components

Filling unit, pneumatically operated, with electrical priority circuit, Series AS3-SSU

► G 1/2 ► pipe connection

00134294

Parts	3/2-way valve, pneumatically operated, Filling valve
Version	Poppet valve, Can be assembled into blocks
Sealing principle	soft sealing
Working pressure min./max.	2.5 bar / 10 bar
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Max. particle size	5 µm
Materials:	
Housing	Polyamide
Seals	Acrylonitrile Butadiene Rubber
Front plate	Acrylonitrile butadiene styrene
Threaded bushing	Die cast zinc

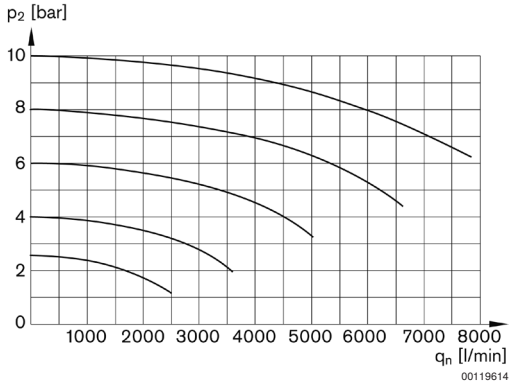
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Builds up pressure slowly in the pneumatic systems, i.e. prevents a sudden pressure build-up during a restart after a mains pressure failure or avoids emergency OFF switching. This also avoids dangerous, jerky cylinder movements.
- Actuating the electric priority circuit disrupts the slow pressure build-up and pressure p1 is immediately applied.

	Port	Exhaust	Qn			Control pressure min./max.	Weight	Note	Part No.
				1►2	2►3				
			[l/min]			[bar]	[kg]		
	G 1/2	G 1/2	3500	3500	3200	2.5 / 16	0.924	1)	R412007290

1) Electr. connection: M12x1 electrical connector
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Flow rate characteristic

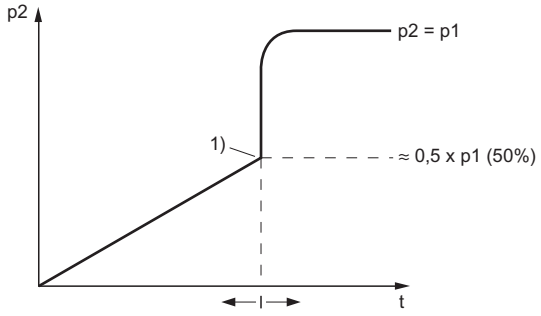


00119614

p2 = secondary pressure
qn = nominal flow

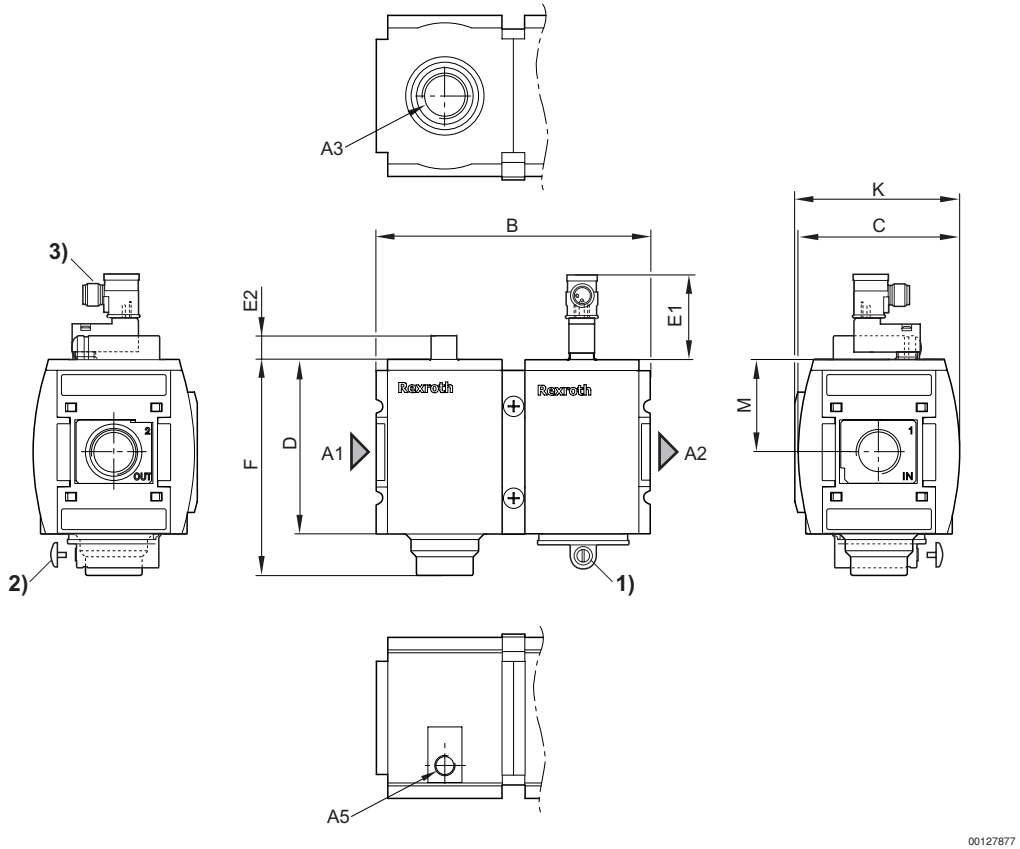
Filling unit, pneumatically operated, with electrical priority circuit, Series AS3-SSU
► G 1/2 ► pipe connection

Start function



p2 = output pressure
t = filling time
1) Switching point

Dimensions



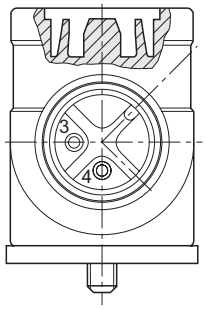
1) Adjustment screw for filling time
2) Adjustment screw lock
3) For electrical connector M12x1
A1 = input
A2 = output
A3 = ventilation port
A5 = pilot connection

Filling unit, pneumatically operated, with electrical priority circuit, Series AS3-SSU

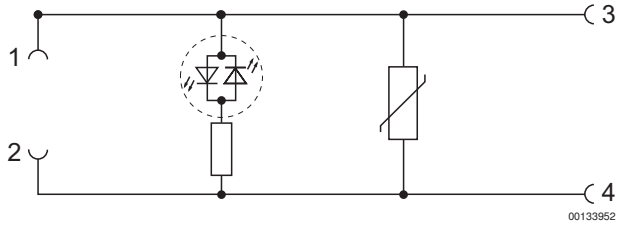
► G 1/2 ► pipe connection

Part No.	A1	A2	A3	A5	B	C	D	E1	E2	F	K	M
R412007290	G 1/2	G 1/2	G 1/2	G 1/8	126	74	80	48.3	18.6	99	75.5	42.5

Pin assignment M12x1



circuit diagram



3/2-way valve, electrically operated, Series AS3-SOV

► G 3/8 - G 1/2 ► pipe connection ► ATEX optional

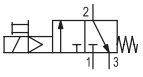
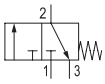
00133928

Version	Poppet valve, Can be assembled into blocks
Sealing principle	soft sealing
Working pressure min./max.	2.5 bar / 10 bar
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Max. particle size	5 μm
Materials:	
Housing	Polyamide
Seals	Acrylonitrile Butadiene Rubber
Front plate	Acrylonitrile butadiene styrene
Threaded bushing	Die cast zinc

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- ATEX optional: The ATEX ID depends on the selected pilot valve.

Operating voltage			Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz
			W	VA	VA	VA	VA
24 V	-	-	2	-	-	-	-
-	110 V	110 V	-	2.2	1.6	1.6	1.4
-	220 V	230 V	-	2.2	1.6	1.6	1.4
-	-	-	-	2.2	1.6	1.6	1.4

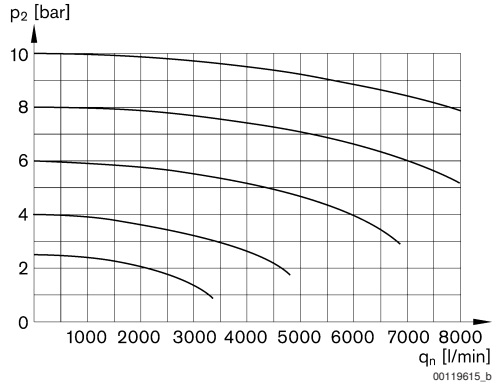
		Port	Exhaust	Operating voltage			Qn			Weight	Note	Part No.
				DC	AC 50 Hz	AC 60 Hz		1►2	2►3			
									[l/min]	[kg]		
		G 3/8		24 V	-	-					1); 4)	R412007265
		G 3/8		-	110 V	110 V					1); 4)	R412007266
		G 3/8		-	220 V	230 V					1); 4)	R412007267
		G 1/2	G 1/2	24 V	-	-	4500	4500	3200	0.459	1); 4)	R412007269
		G 1/2		-	110 V	110 V					1); 4)	R412007270
		G 1/2		-	220 V	230 V					1); 4)	R412007271
		G 1/2		24 V	-	-					1); 5)	R412007291
	-	G 3/8	G 1/2	-	-	-	4500	4500	3200	0.459	2); 6)	R412007258
		G 3/8									3); 6)	R412007264
		G 1/2									2); 6)	R412007259
		G 1/2									3); 6)	R412007268

1) Basic valve with pilot valve
2) Basic valve without pilot valve, with CNOMO subbase
3) Basic valve without pilot valve
4) Electr. connection: Plug; ISO 15217, form C
5) Electr. connection: Plug; M12x1
6) ATEX optional
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

3/2-way valve, electrically operated, Series AS3-SOV

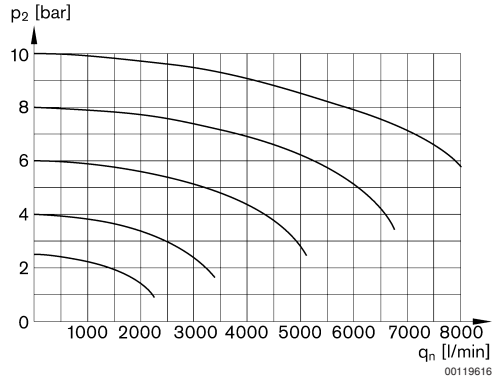
► G 3/8 - G 1/2 ► pipe connection ► ATEX optional

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

Rear exhaust

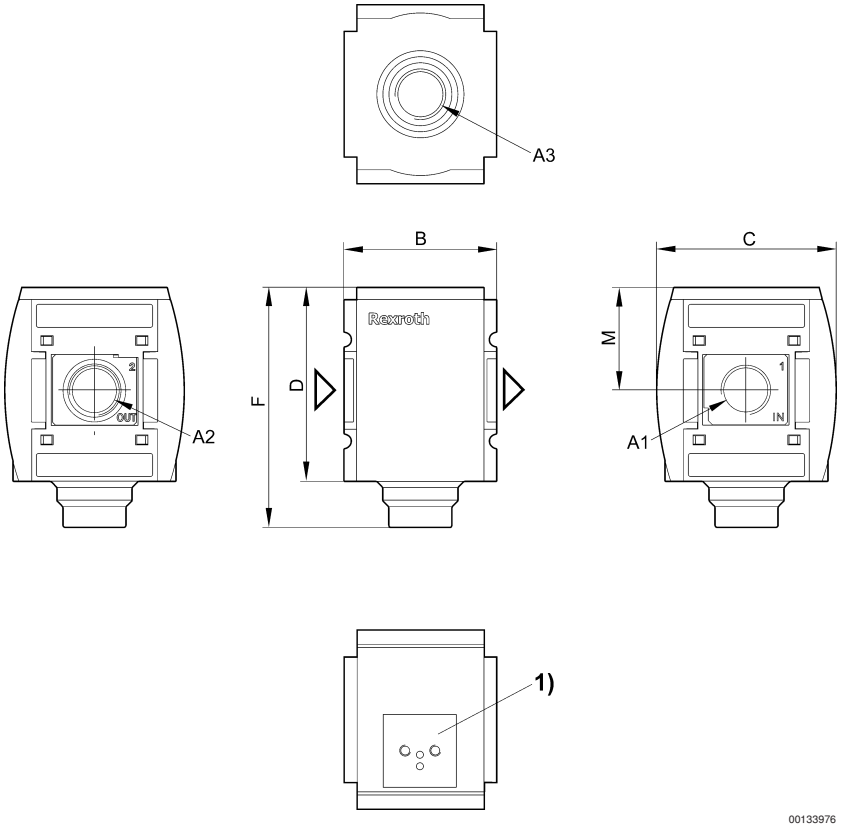


p2 = secondary pressure
qn = nominal flow

3/2-way valve, electrically operated, Series AS3-SOV

► G 3/8 - G 1/2 ► pipe connection ► ATEX optional

without pilot valve with porting configuration for DO16



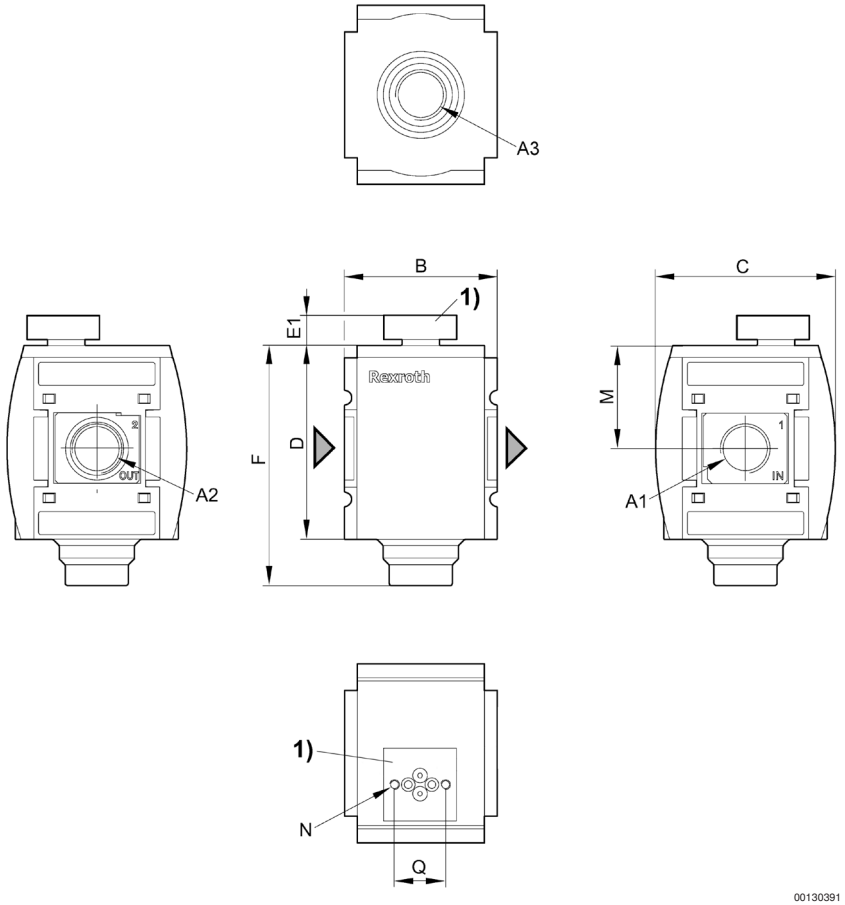
A1 = input
A2 = output
A3 = ventilation port
1) For pilot valve series DO16

A1	A2	A3	B	C	D	F	M						
G 3/8	G 3/8	G 1/2	63	74	80	99	42.5						
G 1/2	G 1/2	G 1/2	63	74	80	99	42.5						

3/2-way valve, electrically operated, Series AS3-SOV

► G 3/8 - G 1/2 ► pipe connection ► ATEX optional

without pilot valve with CNOMO porting configuration for DO30



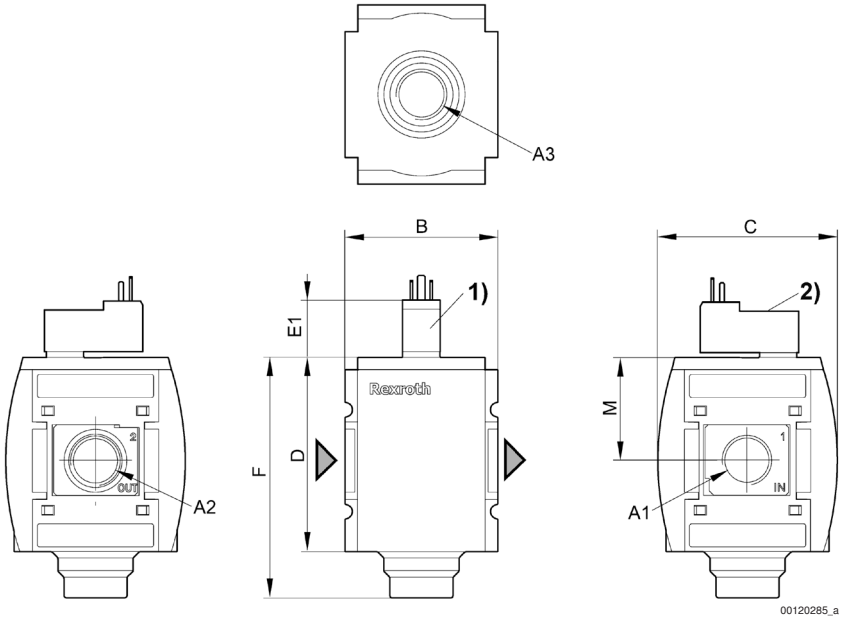
A1 = input
A2 = output
A3 = ventilation port
1) Transition plate with CNOMO porting configuration for pilot valve DO30

A1	A2	A3	B	C	D	E1	F	M	N	Q			
G 3/8	G 3/8	G 1/2	63	74	80	12.3	99	42.5	M4	21			
G 1/2	G 1/2	G 1/2	63	74	80	12.3	99	42.5	M4	21			

3/2-way valve, electrically operated, Series AS3-SOV

► G 3/8 - G 1/2 ► pipe connection ► ATEX optional

with pilot valve series DO16 for electrical connector form C



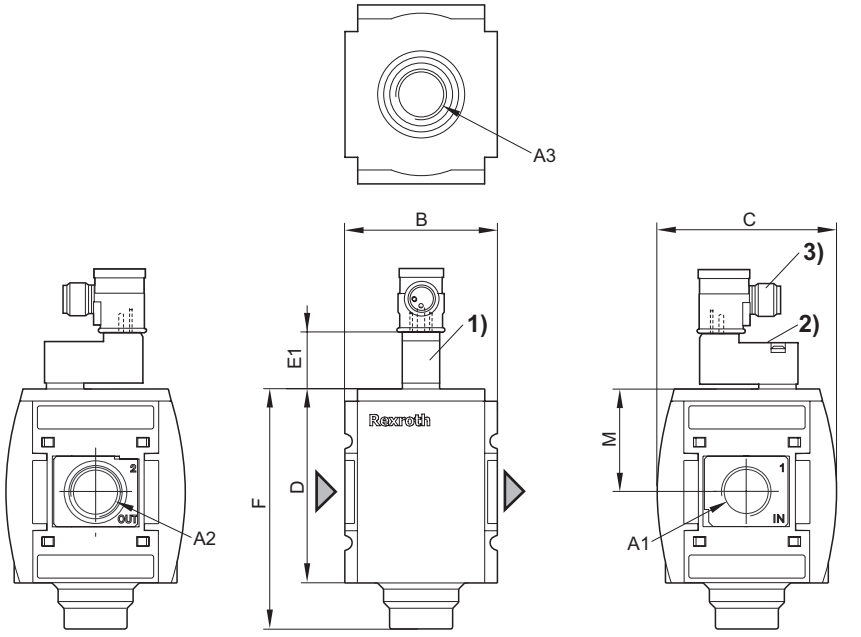
A1 = input
A2 = output
A3 = ventilation port
1) electrical connector form C, ISO 15217
2) Manual override

A1	A2	A3	B	C	D	E1	F	M					
G 3/8	G 3/8	G 1/2	63	74	80	23.2	99	42.5					
G 1/2	G 1/2	G 1/2	63	74	80	23.2	99	42.5					

3/2-way valve, electrically operated, Series AS3-SOV

► G 3/8 - G 1/2 ► pipe connection ► ATEX optional

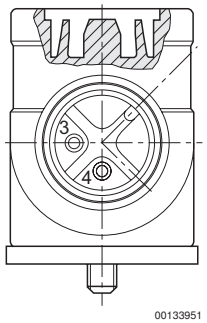
with pilot valve series DO16 for electrical connector M12x1



A1 = input
A2 = output
A3 = ventilation port
1) electrical connector form C, ISO 15217
2) Manual override
3) Electr. connection: M12x1 electrical connector

A1	A2	A3	B	C	D	E1	F	M					
G 3/8	G 3/8	G 1/2	63	74	80	23.2	99	42.5					
G 1/2	G 1/2	G 1/2	63	74	80	23.2	99	42.5					

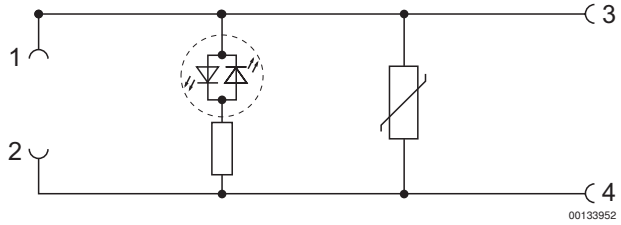
Pin assignment M12x1



3/2-way valve, electrically operated, Series AS3-SOV

► G 3/8 - G 1/2 ► pipe connection ► ATEX optional

circuit diagram



Preparation of compressed air → Maintenance units and components

3/2-way valve, pneumatically operated, Series AS3-SOV

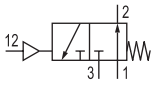
► G 3/8 - G 1/2 ► pipe connection ► ATEX certified

00119377

ATEX	II 2G2D T4 X
Version	Poppet valve, Can be assembled into blocks
Sealing principle	soft sealing
Working pressure min./max.	2 bar / 10 bar
Ambient temperature min./max.	-10°C / +50°C
Medium temperature min./max.	-10°C / +50°C
Medium	Compressed air
Materials:	
Housing	Polyamide
Seals	Acrylonitrile Butadiene Rubber
Front plate	Acrylonitrile butadiene styrene
Threaded bushing	Die cast zinc

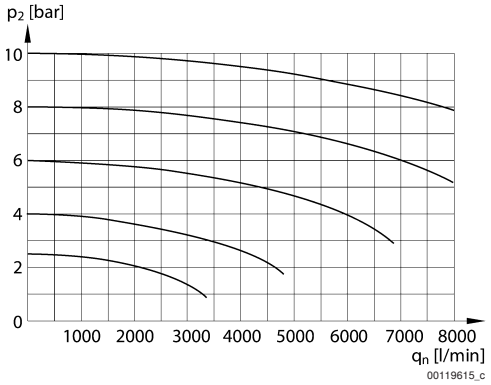
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.

	Port	Exhaust	Qn			Control pressure min./max.	Weight	Part No.
				1►2	2►3			
			[l/min]			[bar]	[kg]	
	G 3/8 G 1/2	G 1/2	4500	4500	3200	2.5 / 16	0.459	R412007262 R412007263

Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Flow rate characteristic



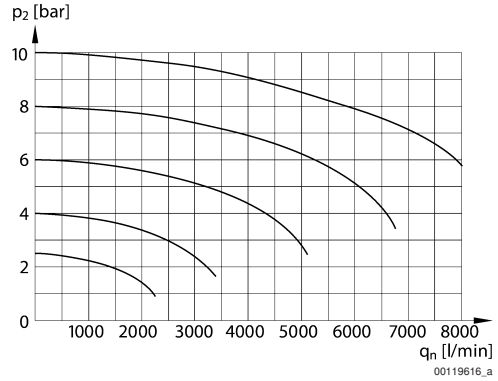
00119615_c

p2 = secondary pressure
qn = nominal flow

3/2-way valve, pneumatically operated, Series AS3-SOV

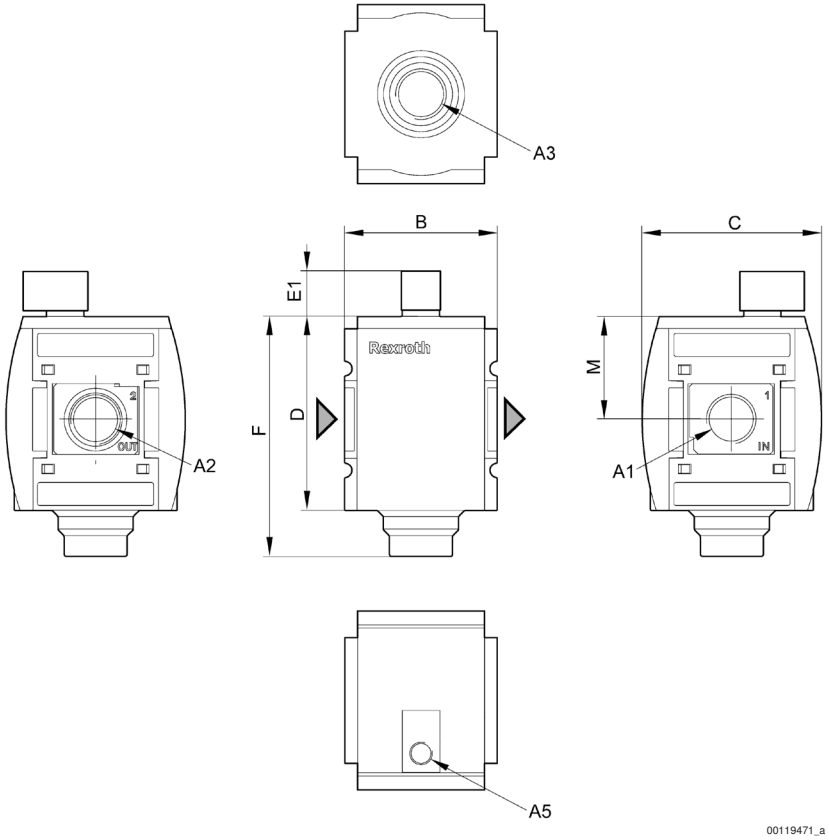
► G 3/8 - G 1/2 ► pipe connection ► ATEX certified

Rear exhaust



p2 = secondary pressure
qn = nominal flow

Dimensions



A3 = ventilation port
A5 = pilot connection
A1 = input
A2 = output

Part No.	A1	A2	A3	A5	B	C	D	E1	F	M		
R412007262	G 3/8	G 3/8	G 1/2	G 1/8	63	74	80	18.5	99	42.5		

3/2-way valve, pneumatically operated, Series AS3-SOV

► G 3/8 - G 1/2 ► pipe connection ► ATEX certified

Part No.	A1	A2	A3	A5	B	C	D	E1	F	M		
R412007263	G 1/2	G 1/2	G 1/2	G 1/8	63	74	80	18.5	99	42.5		

3/2-shut-off valve, mechanically operated, Series AS3-BAV

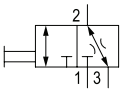
► G 3/8 - G 1/2 ► ATEX certified

00127429

ATEX	II 2G2D T4 X
Version	Ball valve, Can be assembled into blocks with padlock lockable
Control element	rotary switch
Sealing principle	metal/metal sealing
Working pressure min./max.	0 bar / 16 bar
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Materials:	
Housing	Polyamide
Seals	Polytetrafluorethylene
Control element	Polyoxymethylene
Front cover	Acrylonitrile butadiene styrene
Threaded bushing	Die cast zinc
Locking base	Die cast zinc

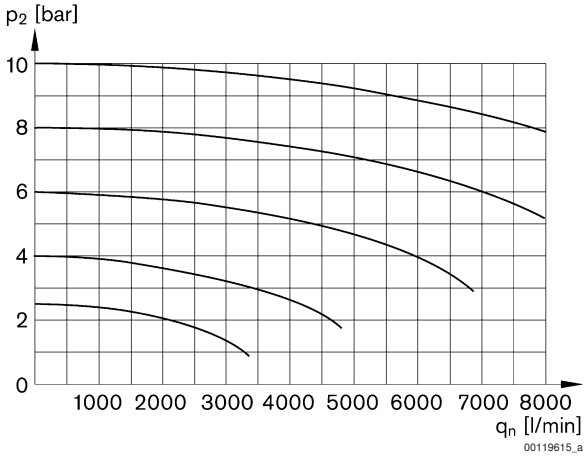
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.

	Port	Exhaust	Qn		Weight	Part No.
			1►2	2►3		
			[l/min]		[kg]	
	G 3/8 G 1/2	G 1/2	4500	3200	0.446	R412007260 R412007261

Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Flow rate characteristic



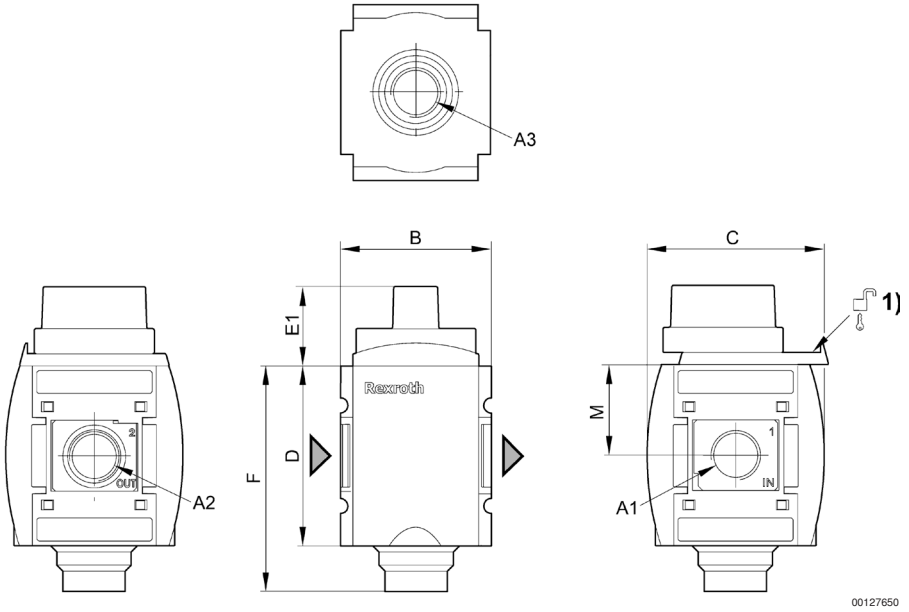
00119615_a

p2 = secondary pressure
qn = nominal flow

3/2-shut-off valve, mechanically operated, Series AS3-BAV

► G 3/8 - G 1/2 ► ATEX certified

Dimensions



A3 = ventilation port
A1 = input
A2 = output
1) Mounting option for padlocks; max. shackle Ø 8

A1	A2	A3	B	C	D	E1	F	M					
G 3/8	G 3/8	G 1/2	63	74	80	28	99	42.5					
G 1/2	G 1/2	G 1/2	63	74	80	28	99	42.5					

Filling valve, pneumatically operated, Series AS3-SSV

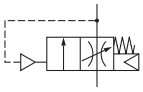
► G 3/8 - G 1/2 ► ATEX certified

00119766

ATEX	II 2G2D T4 X
Version	Poppet valve, Can be assembled into blocks
Sealing principle	soft sealing
Working pressure min./max.	2.5 bar / 16 bar
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Max. particle size	5 µm
Materials:	
Housing	Polyamide
Seals	Acrylonitrile Butadiene Rubber
Front cover	Acrylonitrile butadiene styrene
Threaded bushing	Die cast zinc

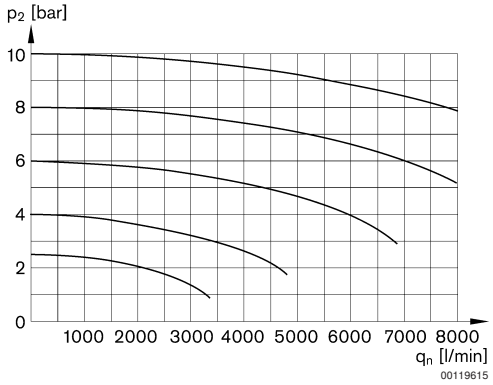
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Builds up pressure slowly in the pneumatic systems, i.e. prevents a sudden pressure build-up during a restart after a mains pressure failure or avoids emergency OFF switching. This also avoids dangerous, jerky cylinder movements.

	Port	Qn	Note	Weight	Part No.
		[l/min]		[kg]	
	G 3/8	4500	-	0.43	R412007272
	G 1/2		-		R412007273
	G 1/2		1)		R412007275

Nominal flow Qn at 6.3 bar and Δp = 1 bar.
1) With adjustment screw lock

Flow rate characteristic



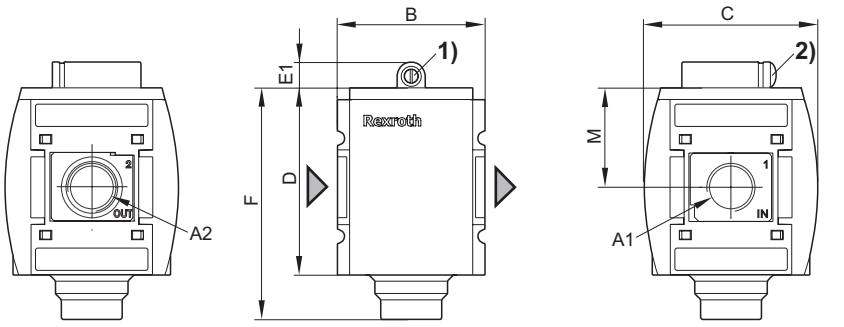
00119615

p2 = secondary pressure
qn = nominal flow

Filling valve, pneumatically operated, Series AS3-SSV

► G 3/8 - G 1/2 ► ATEX certified

Dimensions



A1 = input
A2 = output
1) Adjustment screw for filling time
2) Adjustment screw lock

A1	A2	B	C	D	E1	F	M						
G 3/8	G 3/8	63	74	80	11	99	42.5						
G 1/2	G 1/2	63	74	80	11	99	42.5						

Filling valve, pneumatically operated, Series AS3-SSV

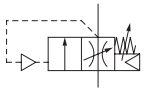
► G 3/8 - G 1/2 ► adjustable filling time and change-over pressure ► ATEX certified

00133797

ATEX	II 2G2D T4 X
Version	Poppet valve, Can be assembled into blocks
Sealing principle	soft sealing
Working pressure min./max.	2.5 bar / 16 bar
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Max. particle size	5 µm
Materials:	
Housing	Polyamide
Seals	Acrylonitrile Butadiene Rubber
Front cover	Acrylonitrile butadiene styrene
Threaded bushing	Die cast zinc

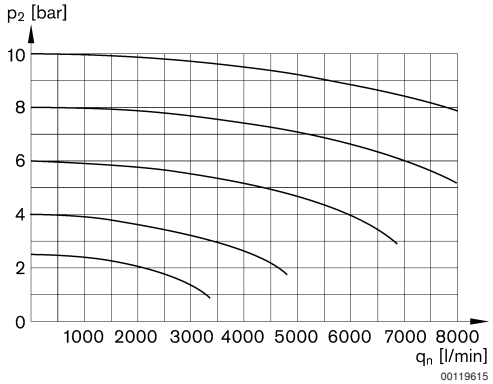
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Builds up pressure slowly in the pneumatic systems, i.e. prevents a sudden pressure build-up during a restart after a mains pressure failure or avoids emergency OFF switching. This also avoids dangerous, jerky cylinder movements.
- adjustable filling time and change-over pressure

	Port	Qn	Note	Weight	Part No.
		[l/min]		[kg]	
	G 3/8	4500	1)	0.43	R412007245
	G 1/2				R412007246

Nominal flow Qn at 6.3 bar and Δp = 1 bar.
1) With adjustment screw lock

Flow rate characteristic



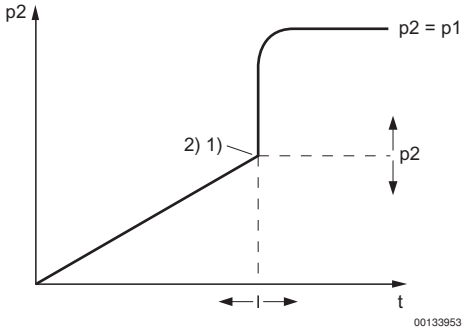
00119615

p2 = secondary pressure
qn = nominal flow

Filling valve, pneumatically operated, Series AS3-SSV

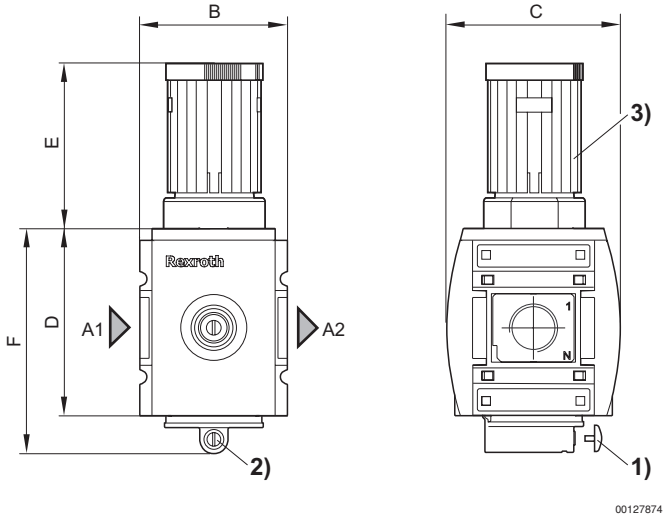
► G 3/8 - G 1/2 ► adjustable filling time and change-over pressure ► ATEX certified

Start function



p2 = output pressure
t = adjustable filling time
1) Switching point
2) adjustable filling time and change-over pressure

Dimensions



A1 = input
A2 = output
1) Adjustment screw lock
2) Adjustment screw for filling time
3) hand wheel for change-over pressure, lockable

A1	A2	B	C	D	E	F							
G 3/8	G 3/8	63	74	80	63.5	96							
G 1/2	G 1/2	63	74	80	63.5	96							

Filling valve, pneumatically operated, with electrical priority circuit, Series AS3-SSV

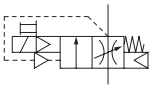
► G 1/2 - G 3/8 ► pipe connection ► Electr. connection: M12x1 electrical connector

00134293

Version	Poppet valve, Can be assembled into blocks
Sealing principle	soft sealing
Working pressure min./max.	2.5 bar / 10 bar
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Max. particle size	5 μm
Materials:	
Housing	Polyamide
Seals	Acrylonitrile Butadiene Rubber
Front cover	Acrylonitrile butadiene styrene
Threaded bushing	Die cast zinc

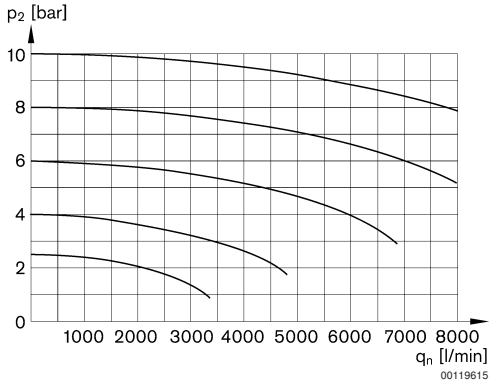
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Builds up pressure slowly in the pneumatic systems, i.e. prevents a sudden pressure build-up during a restart after a mains pressure failure or avoids emergency OFF switching. This also avoids dangerous, jerky cylinder movements.
- Actuating the electric priority circuit disrupts the slow pressure build-up and pressure p1 is immediately applied.

	Port	Qn	Note	Weight	Part No.
		[l/min]		[kg]	
	G 1/2	4500	1); 2)	0.43	R412007274
	G 3/8				R412007293

1) Electr. connection: M12x1 electrical connector
2) With adjustment screw lock
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Flow rate characteristic



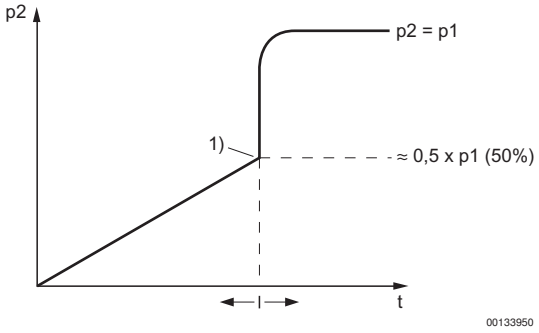
00119615

p2 = secondary pressure
qn = nominal flow

Filling valve, pneumatically operated, with electrical priority circuit, Series AS3-SSV

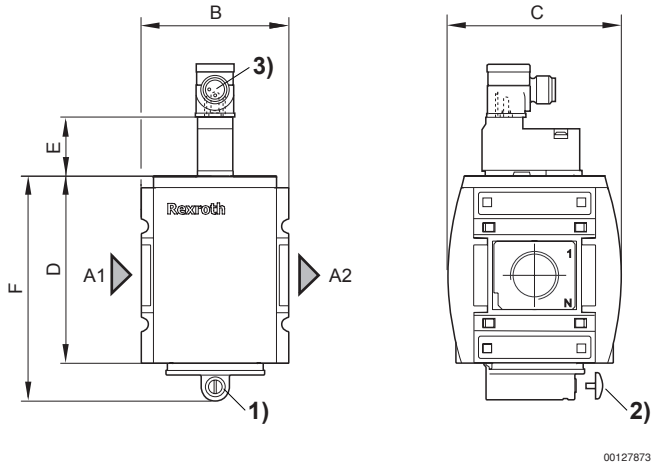
► G 1/2 - G 3/8 ► pipe connection ► Electr. connection: M12x1 electrical connector

Start function



p2 = output pressure
t = adjustable filling time
1) Switching point

Dimensions



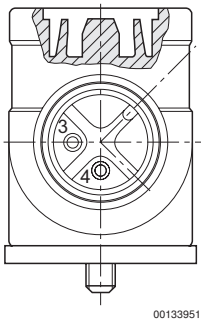
A1 = input
A2 = output
1) Adjustment screw for filling time
2) Adjustment screw lock
3) For electrical connector M12x1

A1	A2	A	B	C	D	E	F						
G 3/8	G 3/8	G 3/8	63	74	80	26	96						

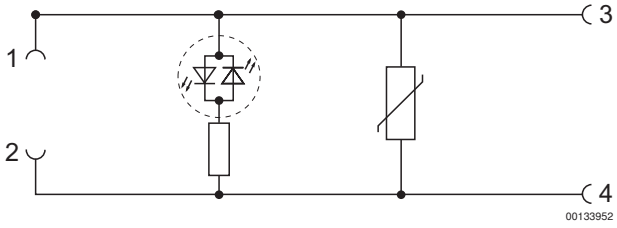
Filling valve, pneumatically operated, with electrical priority circuit, Series AS3-SSV

► G 1/2 - G 3/8 ► pipe connection ► Electr. connection: M12x1 electrical connector

Pin assignment M12x1



circuit diagram



Distributor, Series AS3-DIS

► G 3/8 - G 1/2 ► Distributor 4x ► ATEX certified

00119389

ATEX	II 2G2D T4 X
Version	Can be assembled into blocks
Installation location	arbitrary
Ambient temperature min./max.	-10°C / +50°C
Medium temperature min./max.	-10°C / +50°C
Working pressure min./max.	0 bar / 16 bar
Medium	Compressed air
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber

Technical Remarks
■ Suitable for direct mounting of a PE1 and PM1 series pressure sensor (flange version)

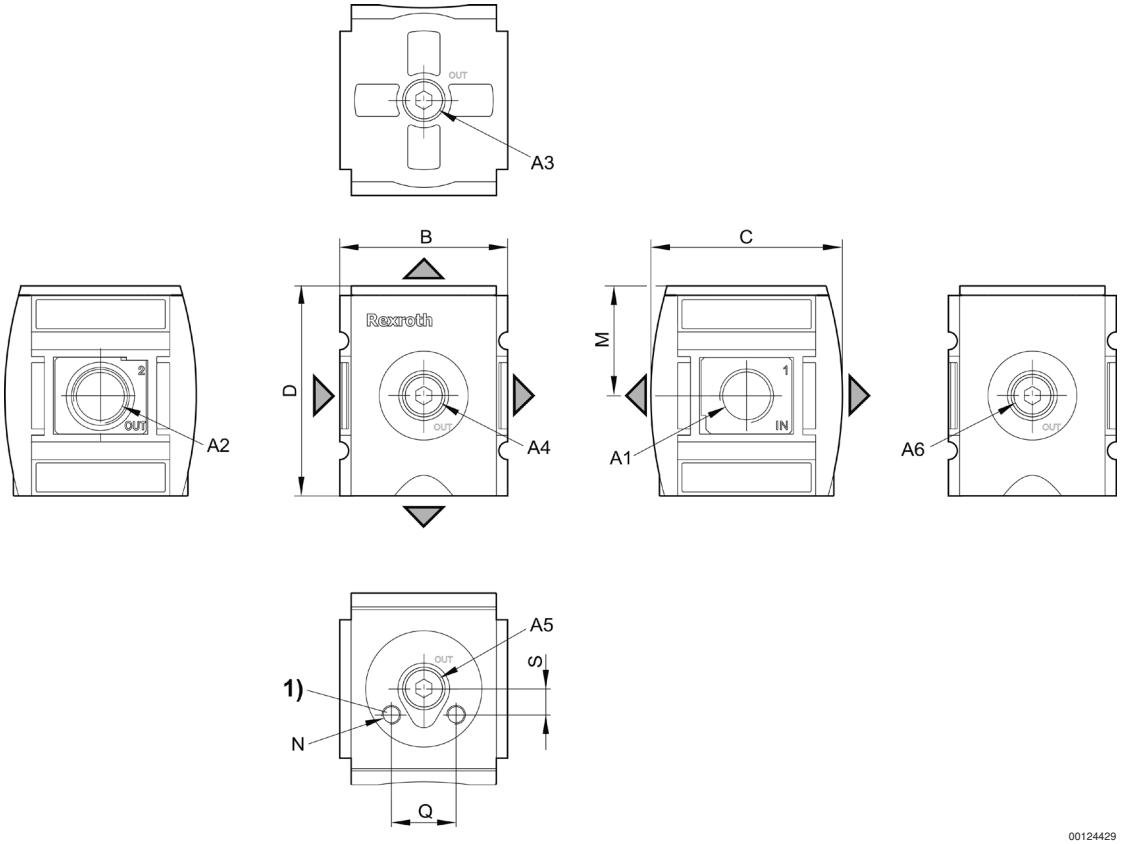
	Port	Qn					Weight	Part No.
		1►2	1►3	1►4	1►5	1►6		
		[l/min]					[kg]	
	G 3/8	7250	5500	2250	2250	2250	0.32	**R412007250**
	G 1/2							**R412007251**

Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Distributor, Series AS3-DIS

► G 3/8 - G 1/2 ► Distributor 4x ► ATEX certified

Dimensions



1) Mounting thread for pressure sensor

A1	A2	A3	A4	A5	A6	B	C	D	M	N	Q	S	
G 3/8	G 3/8	G 1/2	G 3/8	G 1/4	G 3/8	63	74	80.5	42.5	M5	20	8	
G 1/2	G 1/2	G 1/2	G 3/8	G 1/4	G 3/8	63	74	80.5	42.5	M5	20	8	

Distributor, Series AS3-DIC

► G 1/2 ► Distributor 4x ► Center infeed ► ATEX certified

00119389

ATEX	II 2G2D T4 X
Version	Distributor, Can be assembled into blocks
Installation location	arbitrary
Ambient temperature min./max.	-10°C / +50°C
Medium temperature min./max.	-10°C / +50°C
Working pressure min./max.	0 bar / 16 bar
Medium	Compressed air
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber

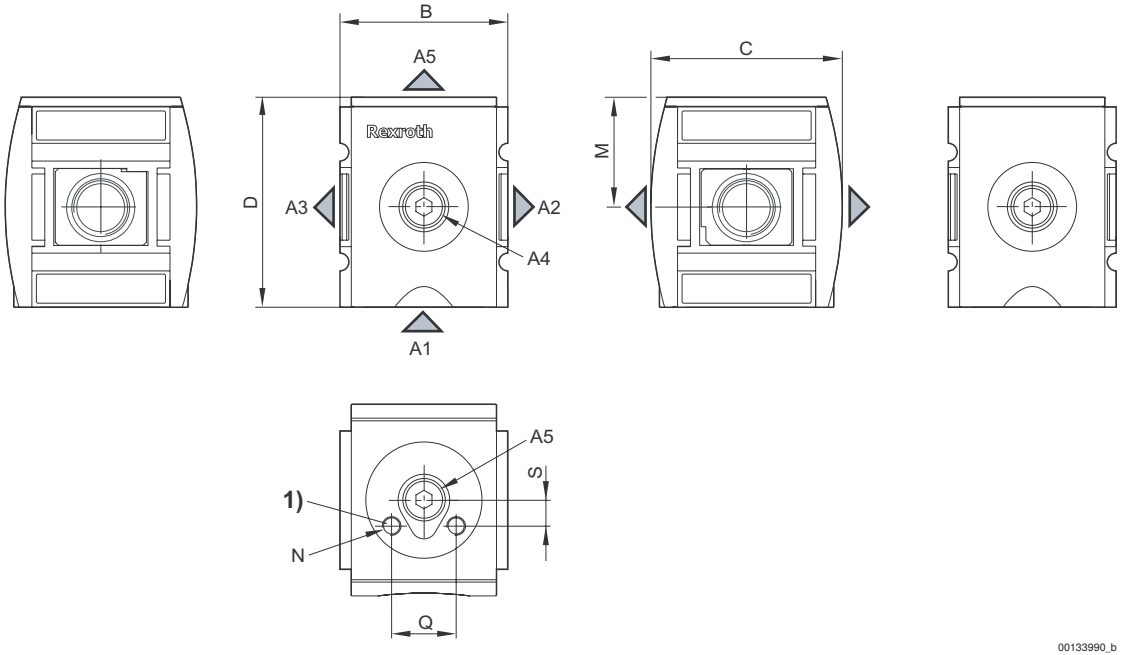
Technical Remarks

- Suitable for direct mounting of a PE1 and PM1 series pressure sensor (flange version)
- Additional air supply possible at connections A4 and A5.

	Port	Qn		Weight	Part No.
		1►2	1►3		
		[l/min]		[kg]	
	G 1/2	10300	10300	0.32	R412007249

Nominal flow Qn at 10 bar and Δp = 1 bar.

Dimensions



00133990_b

1) Mounting thread for pressure sensor

Distributor, Series AS3-DIC

► G 1/2 ► Distributor 4x ► Center infeed ► ATEX certified

A1	A2	A3	A4	A5	B	C	D	M	N	Q	S		
G 1/2	G 1/2	G 1/2	G 3/8	G 1/4	63	74	80.5	42.5	M5	20	8		

Preparation of compressed air → Maintenance units and components

Distributor, Series AS3-DIN

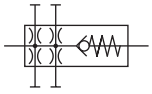
► G 3/8 - G 1/2 ► Distributor 4x ► Non-return valve ► ATEX certified

00119389

ATEX	II 2G2D T4 X
Version	Non-return valve, Can be assembled into blocks
Installation location	arbitrary
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	0.4 bar / 16 bar
Medium	Compressed air
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber

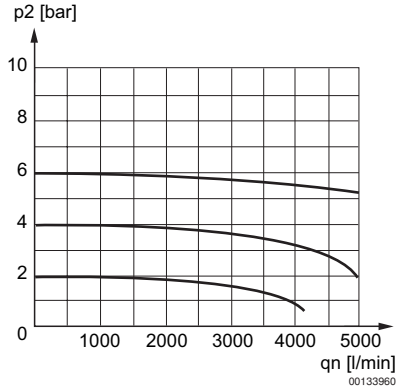
Technical Remarks

- 4 auxiliary air exits upstream of non-return valve.

	Port	Qn					Weight	Part No.
		1►2	1►3	1►4	1►5	1►6		
		[l/min]					[kg]	
	G 3/8	5100	3300	2250	2250	2250	0.32	R412007254
	G 1/2							**R412007255**

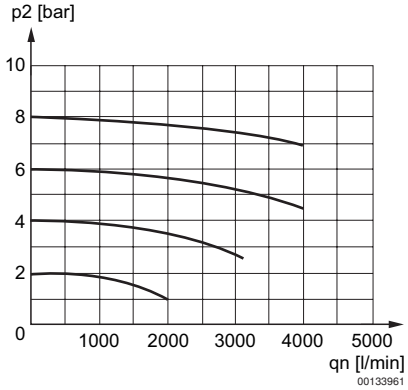
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Flow rate characteristic



00133960

Nominal flow 1 -> 2



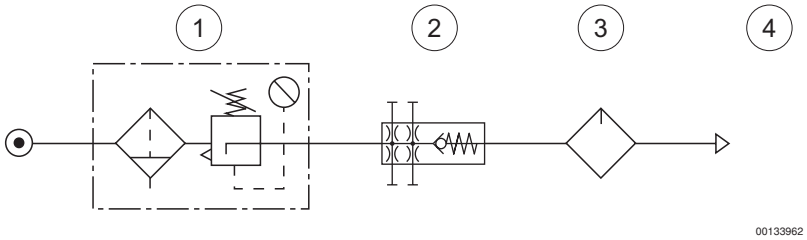
00133961

Nominal flow 1 -> 3

Distributor, Series AS3-DIN

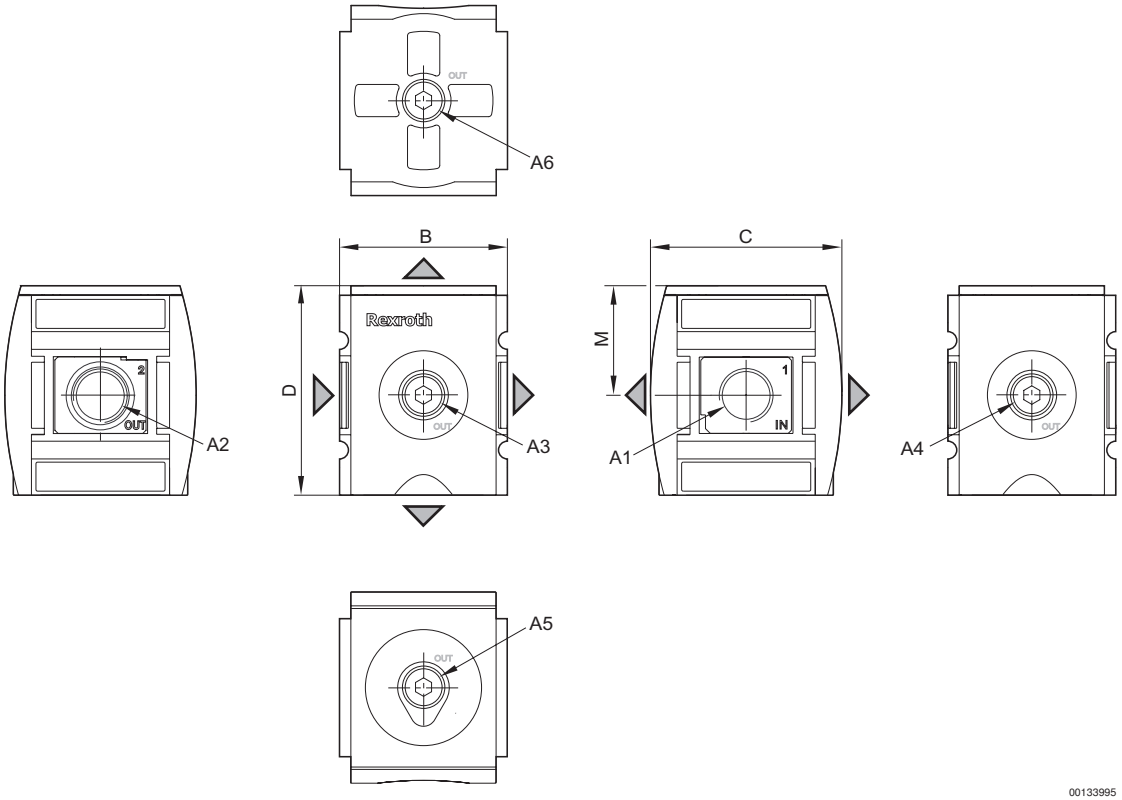
► G 3/8 - G 1/2 ► Distributor 4x ► Non-return valve ► ATEX certified

usage



1) Filter pressure regulator
2) Non-return valve
3) lubricator
4) Compressed air

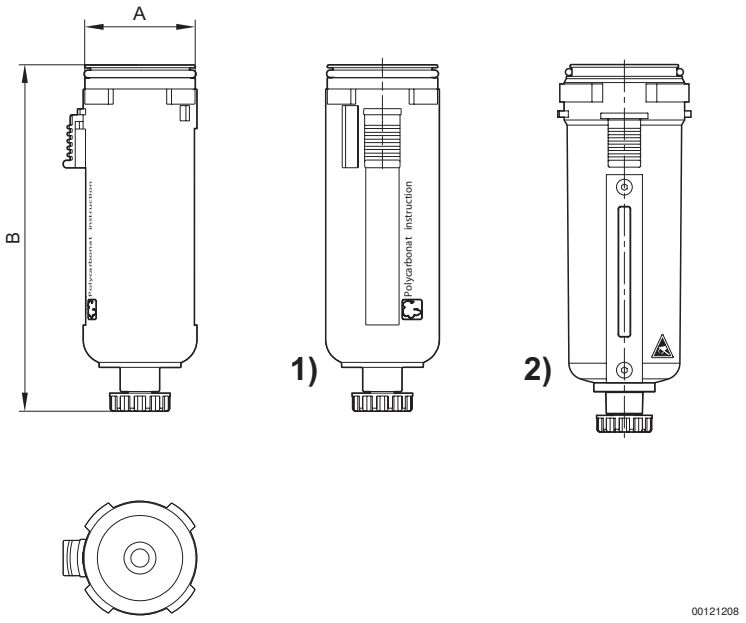
Dimensions



A1	A2	A3	A4	A5	A6	B	C	D	M				
G 3/8	G 3/8	G 1/2	G 3/8	G 1/4	G 3/8	63	74	80	42.5				
G 1/2	G 1/2	G 1/2	G 3/8	G 1/4	G 3/8	63	74	80	42.5				

Series AS3
Accessories

Reservoir, Series AS3-CLS/ -CLP/ -CLC
► for filters, pre-filters and microfilters



1) Plastic reservoir and protective guard with window
2) Metal reservoir with inspection glass

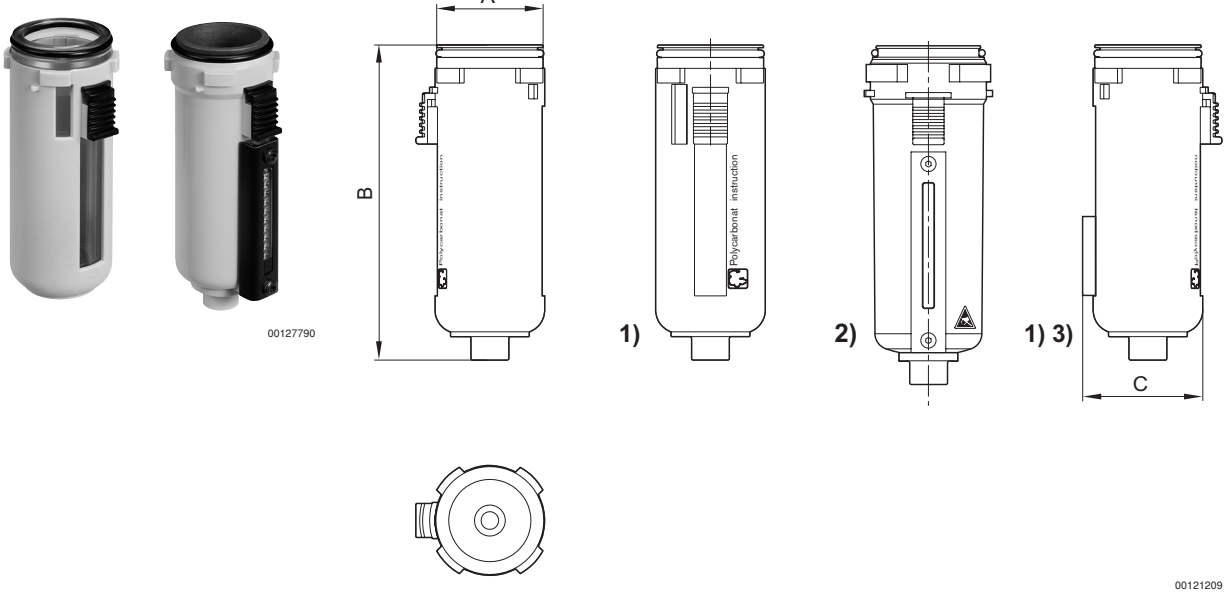
Condensate drain	Reservoir	Protective guard	Weight	Note	Part No.
			[kg]		
semi-automatic, open without pressure	Polycarbonate	Polyamide	0.086	Fig. 1	R412007338
fully automatic, open without pressure	Polycarbonate	Polyamide	0.116	Fig. 2	R412007339
fully automatic, closed without pressure	Polycarbonate	Polyamide	0.116	Fig. 2	R412007340
semi-automatic, open without pressure	Die cast zinc with window	-	0.338	Fig. 1	R412007344
fully automatic, open without pressure	Die cast zinc with window	-	0.39	Fig. 2	R412007345
fully automatic, closed without pressure	Die cast zinc with window	-	0.39	Fig. 2	R412007346

Part No.		A	B								
R412007338	G 3/8–G 1/2	43.8	128.5								
R412007344	G 3/8–G 1/2	43.8	128.5								

Part No.	A4	A	B									
R412007339	G 1/8	43.8	145									
R412007340	G 1/8	43.8	145									
R412007345	G 1/8	43.8	145									
R412007346	G 1/8	43.8	145									

Series AS3
Accessories

Reservoir, Series AS3-CLA
► for active carbon filter



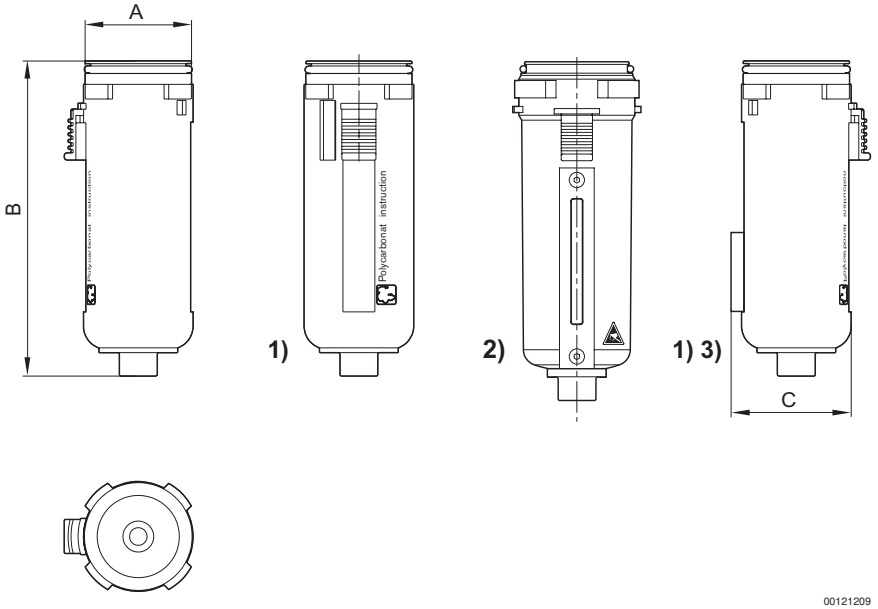
1) Plastic reservoir and protective guard with window
2) Metal reservoir with inspection glass

Reservoir	Protective guard	Weight	Part No.
		[kg]	
Polycarbonate	Polyamide	0.086	R412007347
Die cast zinc with window	-	0.338	R412007349

Part No.	A	B										
R412007347	43.8	122										
R412007349	43.8	122										

Series AS3
Accessories

Reservoir, Series AS3-CBS
► for lubricator



1) Plastic reservoir and protective guard with window
2) Metal reservoir with inspection glass
3) with sensor mounting and floater with magnet for level detection

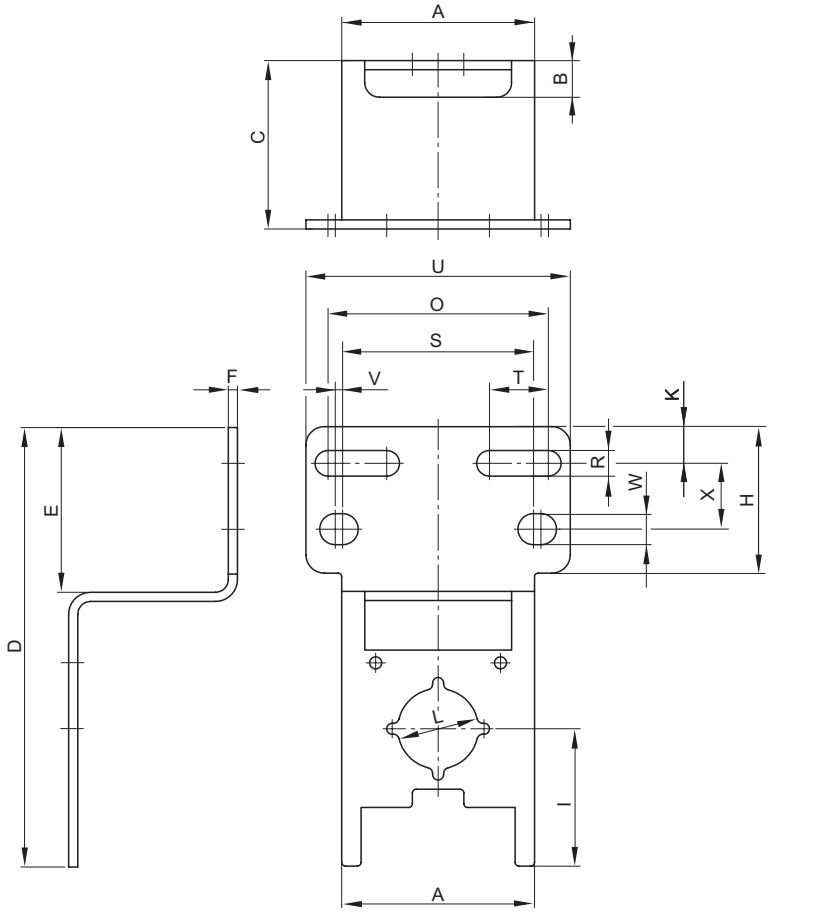
Electrical level detection	Reservoir	Protective guard	Weight	Part No.
			[kg]	
-	Polycarbonate	Polyamide	0.086	**R412007352**
-	Die cast zinc with window	-	0.335	R412007358
with external query	Polycarbonate	Polyamide	0.086	R412007351

Part No.	A	B	C									
R412007352	43.8	122	—									
R412007358	43.8	126	—									
R412007351	43.8	122	48									

Series AS3
Accessories

Mounting plate
► AS3-MBR-...-W01

00124431



00124430

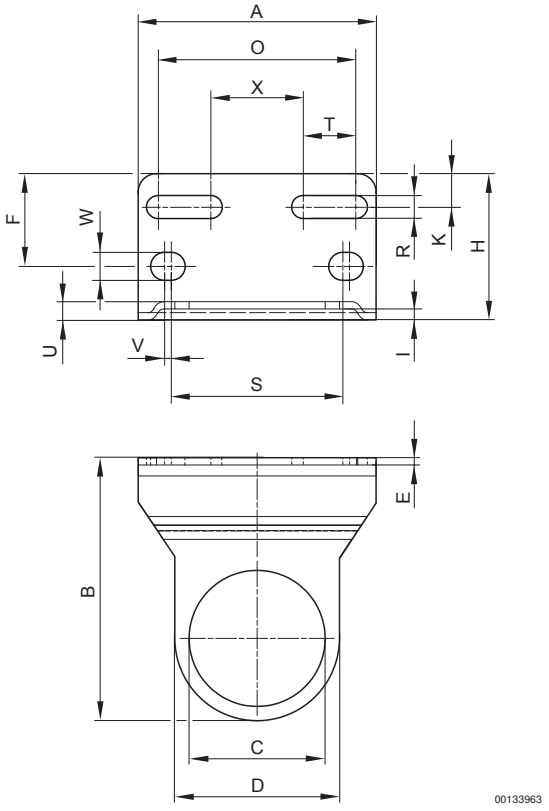
Part No.	A	B	C	D	E	F	H	I	K	O	R	S
R412007368	52.5	10	46	120	45	2.5	40	37.5	10	60	7	52

Part No.	T	U	V	W	X	Material	Material Seal	Weight [kg]	
R412007368	16	72	2	8.5	18	Steel	Acrylonitrile Butadiene Rubber	0.13	

Scope of delivery incl. 2 mounting screws 3x10 (Torx 10 IP) DIN EN ISO 10664

Series AS3
Accessories

Mounting bracket, Series AS3-MBR-...-W02



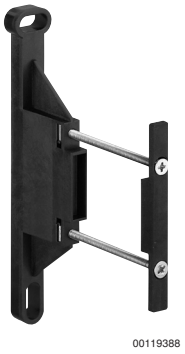
Part No.	A	B	C	D	E	F	H	I	K	O	R	S
R412007964	72	98	43.2	52	2.5	28	44	4	10	60	7	52

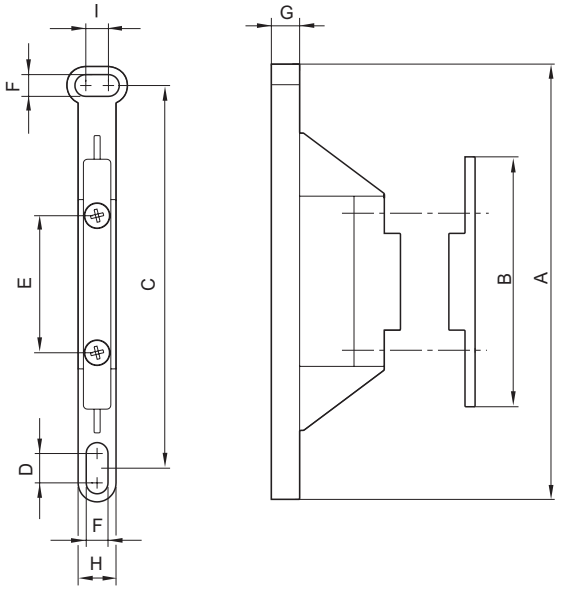
Part No.	T	U	V	W	X	Material	Weight [kg]				
R412007964	16	6.5	2	8.5	28	Steel	0.13				

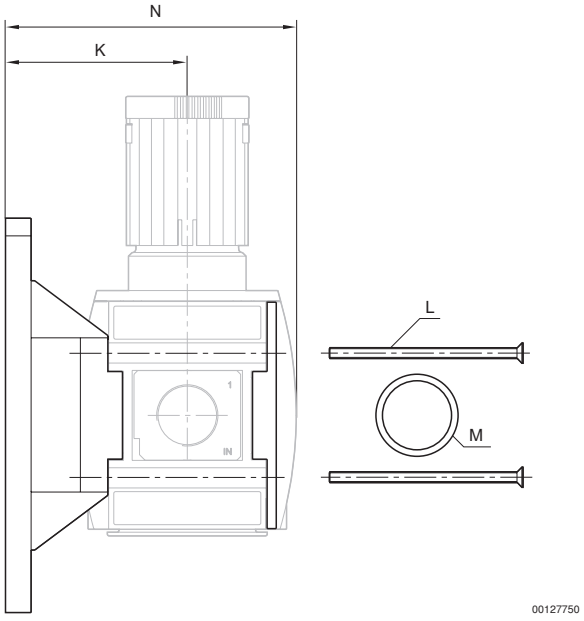
Scope of delivery incl. 2 mounting screws 3x10 (Torx 10 IP) DIN EN ISO 10664

Series AS3
Accessories

Mounting clip, Series AS3-MBR-...-W03







Part No.	A	B	C	D	E	F	G	H	I	K	L
R412007370	120	75	104	8	42	6.4	12	12	8	72	M5x68

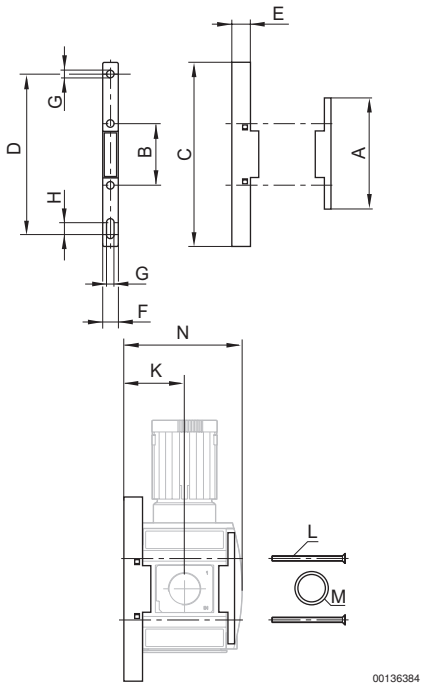
Part No.	M	N	Material	Material Seal	Weight [kg]			
R412007370	23,1x1,78	109	Polyamide	Acrylonitrile Butadiene Rubber	0.055			

Scope of delivery incl. 2 mounting screws M5x68-4.8-A2R according to EN ISO 7046-1 (countersunk screw with type H X-slot), 1x O-ring

Series AS3
Accessories

Mounting clip, Series AS3-MBR-...-W03-C

00136385



00136384

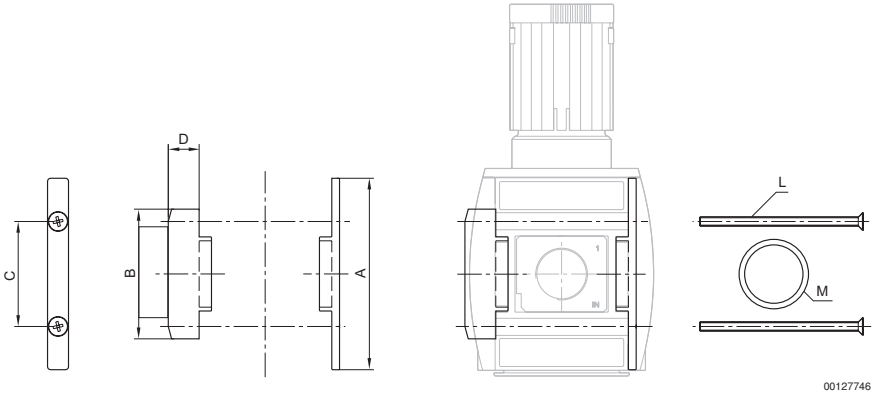
Part No.	A	B	C	D	E	F	G	H	I	K	L
R412007373	120	75	104	8	42	6.4	12	12	8	38.5	M5x68

Part No.	M	N	Material	Material Seal	Weight [kg]			
R412007373	23,1x1,78	75.5	Polyamide	Acrylonitrile Butadiene Rubber	0.055			

Scope of delivery incl. 2 mounting screws M5x68-4.8-A2R according to EN ISO 7046-1 (countersunk screw with type H X-slot), 1x O-ring

Block assembly kit, Series AS3-MBR-...-W04

00119405



00127746

Series AS3
Accessories

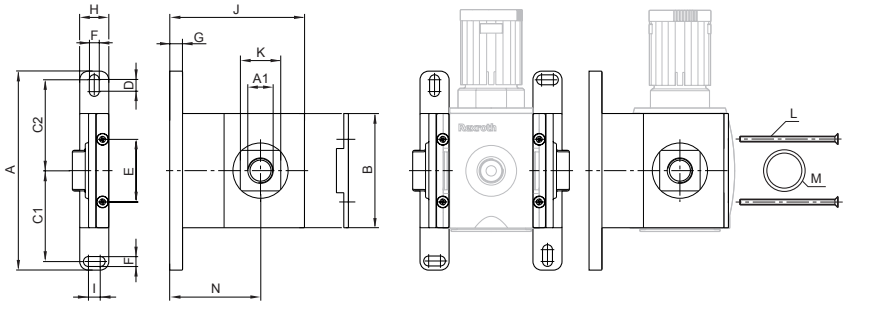
Part No.	A	B	C	D	L	M	Material	Material Seal
R412007371	75	75	42	12.5	M5x68	23,1x1,78	Polyamide	Acrylonitrile Butadiene Rubber

Part No.	Weight [kg]											
R412007371	0.032											

Scope of delivery incl. 2 mounting screws M5x68-4.8-A2R according to EN ISO 7046-1 (countersunk screw with type H X-slot), 1x O-ring

Block assembly kit, Series AS3-MBR-...-W05

00119818



00127749

Part No.	A1	A	B	C1	C2	D	E	F	G	H	I	J	K	L
R412007366	G 3/8	120	75	54	54	8	42	6.4	7	20	8	102.5	30	M5x68
R412007367	G 1/2	120	75	54	54	8	42	6.4	7	20	8	102.5	30	M5x68

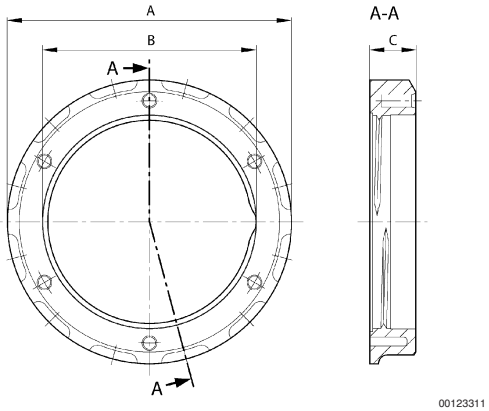
Part No.	M	N	Material	Material Seal	Weight [kg]			
R412007366	23,1x1,78	72	Die cast zinc	Acrylonitrile Butadiene Rubber	0.825			
R412007367	23,1x1,78	72	Die cast zinc	Acrylonitrile Butadiene Rubber	0.825			

Scope of delivery incl. 4 mounting screws M5x68-4.8-A2R according to EN ISO 7046-1 (countersunk screw with type H X-slot), 2x O-ring

Series AS3
Accessories

Panel nut, Series AS3-MBR-...-W06

00124065



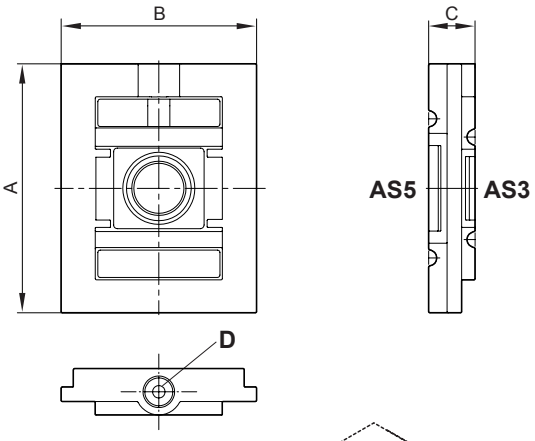
00123311

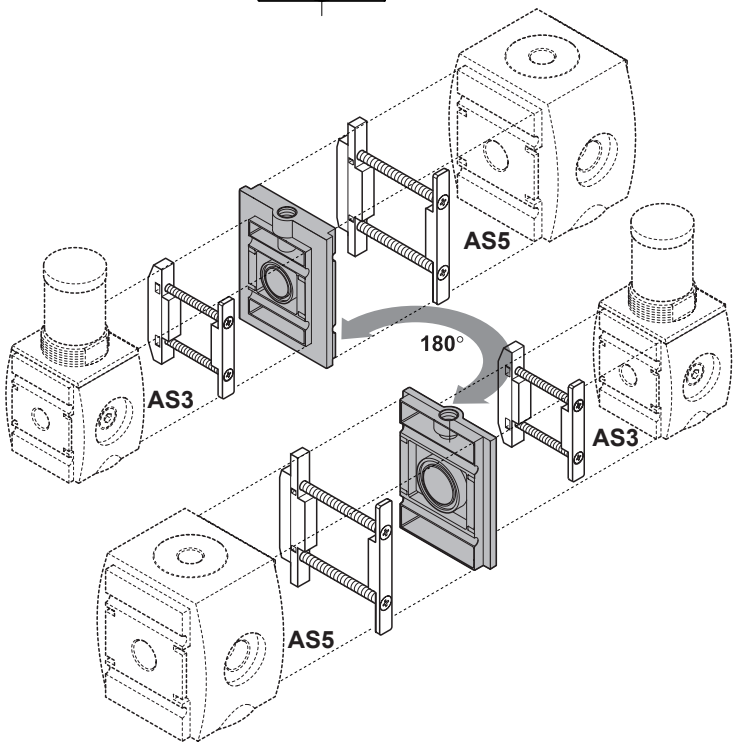
Part No.	A	B	C	Material	Material Seal				
R412007372	M42x1,5	55.5	8	Polyamide	Acrylonitrile Butadiene Rubber				

Series AS3
Accessories

Block assembly kit, Series AS3/AS5-MBR-...-W07

00135568





00134014

scope of delivery incl. seal

Part No.	A	B	C	D	Material Seal						
R412010122	102	80	18	G 1/4	Acrylonitrile Butadiene Rubber						

Series AS3
Accessories

Pressure gauges, Series PG1 - SAS
► Front port ► Background color: Black ► Scale color: White / Grey ► Viewing window: Polystyrene ► ATEX certified

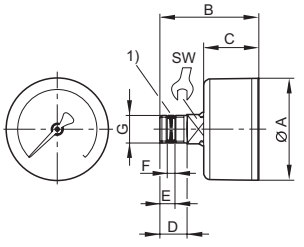
00123444

ATEX	II 2G2D T4 X
Version	Bourdon tube pressure gauge
Standardization	EN 837-1
Main scale unit (outside)	bar
Secondary scale unit (inside)	psi
Ambient temperature min./max.	-40 °C / +60 °C
Medium	Compressed air
Pointer color	White
Main scale color (outside)	White
Secondary scale color (inside)	Grey
Class	2,5

Materials:	
Housing	Acrylonitrile butadiene styrene
Thread	Brass
Viewing window	Polystyrene
Seal	Polytetrafluorethylene

	Compressed air connection	Nominal diameter	Application	Display range	Operating pressure	Scale value	Weight	Part No.
		[mm]	[bar]	[bar]	[bar]		[kg]	
	G 1/4	50	0 - 1.2	0 - 1.6	0 / 1.6	0.05	0.09	**R412004413**
			0 - 2	0 - 2.5	0 / 2.5	0.1		**R412004414**
			0 - 3.2	0 - 4	0 / 4	0.1		**R412004415**
			0 - 4	0 - 6	0 / 6	0.2		**R412004416**
			0 - 8	0 - 10	0 / 10	0.2		**R412004417**
			0 - 12	0 - 16	0 / 16	0.5		**R412004418**

Dimensions



00119457

Compressed air connection G	Nominal diameter	Ø A	B	C	D	E	F 1)	SW				
G 1/4	50	49	47.5	26.5	13	7.2	3.7	14				

1) Gasket thread

Series AS3
Accessories

Pressure gauges, Series PG1-SAS-ADJ
► Front port ► with adjustable work area display ► Background color: Black ► Scale color: White / Grey ► Viewing window: Polystyrene ► ATEX certified

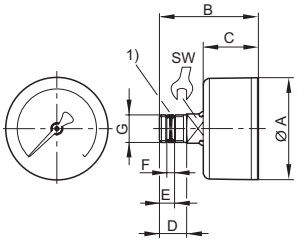
00131412

ATEX	II 2G2D T4 X
Version	Bourdon tube pressure gauge
Standardization	EN 837-1
Main scale unit (outside)	bar
Secondary scale unit (inside)	psi
Ambient temperature min./max.	-40 °C / +60 °C
Medium	Compressed air
Work area	adjustable work area display
Pointer color	White
Main scale color (outside)	White
Secondary scale color (inside)	Grey
Work Area Display, Color	Red / Green
Class	2,5

Materials:	
Housing	Acrylonitrile butadiene styrene
Thread	Brass
Viewing window	Polystyrene
Seal	Polytetrafluorethylene

	Compressed air connection	Nominal diameter	Application	Display range	Operating pressure	Scale value	Weight	Part No.
		[mm]	[bar]	[bar]	[bar]		[kg]	
	G 1/4	50	0 - 1.2	0 - 1.6	0 / 1.6	0.05	0.1	R412007867
			0 - 2	0 - 2.5	0 / 2.5	0.1		**R412007868**
			0 - 3.2	0 - 4	0 / 4	0.1		**R412007869**
			0 - 4	0 - 6	0 / 6	0.2		**R412007870**
			0 - 8	0 - 10	0 / 10	0.2		**R412007871**
			0 - 12	0 - 16	0 / 16	0.5		**R412007872**

Dimensions



00119457

1) Gasket thread

Series AS3
Accessories

Compressed air connection G	Nominal diameter	Ø A	B	C	D	E	F	SW				
G 1/4	50	49	47.5	26.5	13	7.2	3.7	14				

Pressure gauges, Series PG1 - DIM
► for differential pressure measurement for prefilters and microfilters ► flange version ► Background color: White ► Scale color: Black ► Viewing window: Polystyrene ► ATEX certified

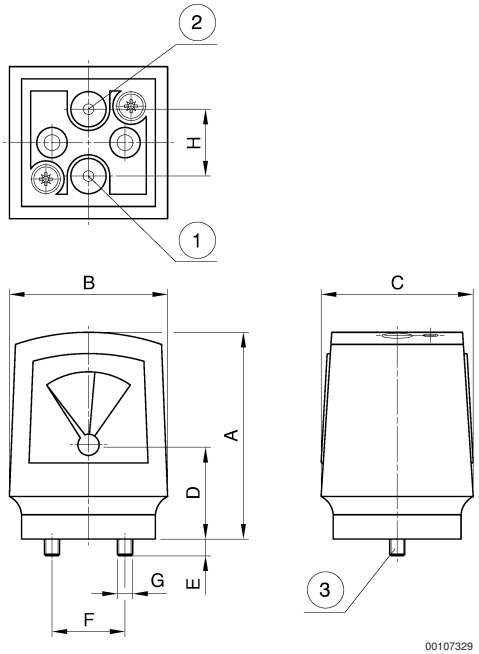
00106963

ATEX	II 2G2D T4 X
Version	Diaphragm pressure gauge
Main scale unit (outside)	bar
Ambient temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Pointer color	Black
Main scale color (outside)	Black
Color for differential pressure range	Green / Red
Materials:	
Housing	Polyamide, fiber-glass reinforced
Viewing window	Polystyrene
Seal	Acrylonitrile butadiene styrene

	Application	Display range	Operating pressure	Scale value	Weight	Part No.
	[bar]	[bar]	[bar]		[kg]	
	0 - 0.5	0 - 0.5	0 / 16	0.1	0.104	1827231072

Series AS3
Accessories

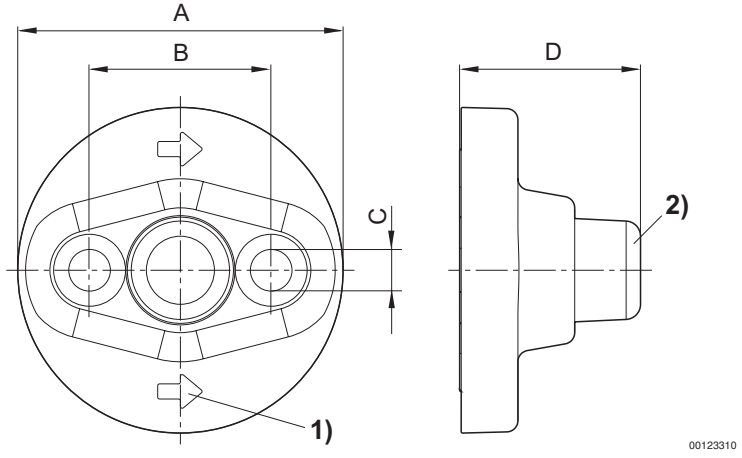
Dimensions



1) Input pressure p1
2) Output pressure p2
3) Mounting screw and 2 O-rings included in scope of delivery

A	B	C	E	F	G	H								
68	52	50	5.5	24	M5	22								

contamination display, Series AS2, AS3, AS5
► for prefilters and microfilters



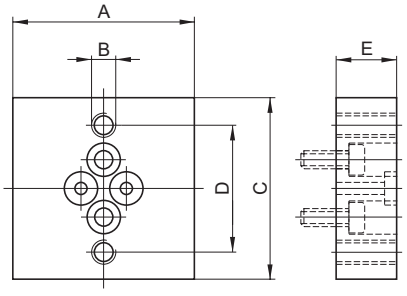
1) Flow direction
2) Display in initial state: green (= Δp < 0.35 bar)
Display turns red on contamination of the filter element (= Δp ≥ 0.35 bar).

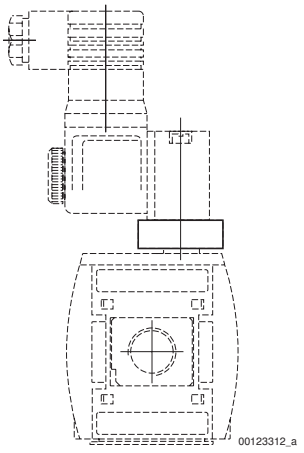
Series AS3
Accessories

Part No.	A	B	C	D	Material	Weight [kg]					
R412006363	43	24	5.5	24	Polyamide	0.025					

2 mounting screws and 2 O-rings supplied loose

Transition plate, Series AS2, AS3, AS5
► with CNOMO porting configuration

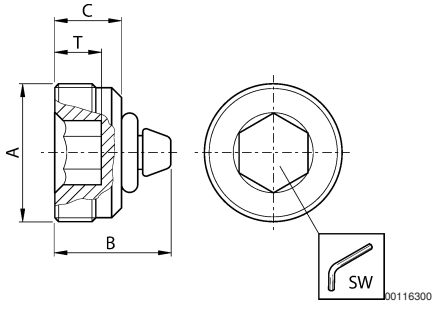




Part No.	A	B	C	D	E	Material	Weight [kg]				
R412006360	30	M4	30	21	10	Aluminum	0.025				

Scope of delivery incl. 4 mounting screws, 2 O-rings
Adapter plate for assembling a series DO30 pilot valve with CNOMO porting configuration on a 3/2-way shut-off valve without pilot

plugs

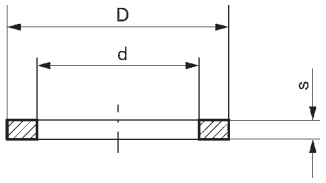


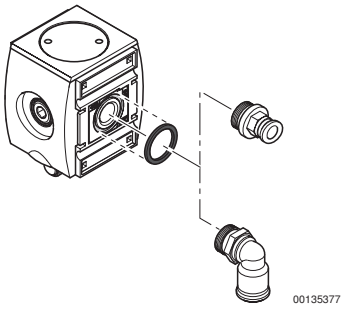
Series AS3
Accessories

Part No.	A	B	C	SW	T	Material	Material Seal	Delivery quantity [Piece]	
1820508006	G 1/4	13	8.5	6	6.5	Polyamide	Acrylonitrile Butadiene Rubber	10	

Sealing ring
► **Acrylonitrile butadiene styrene**

00127841





00135377

Part No.	usage Series	Type	d	D	s	Delivery quantity [Piece]	Working pressure min./max. [bar]
R412010148	AS2	For compressed air connection G 3/8	17.9	22.5	1.5	10	-0.95 / 16
R412010149	AS3	For compressed air connection G 1/2	22.4	26.4	1.5	10	-0.95 / 16
R412010150	AS5	For compressed air connection G 1	36.9	41.9	1.8	10	-0.95 / 16

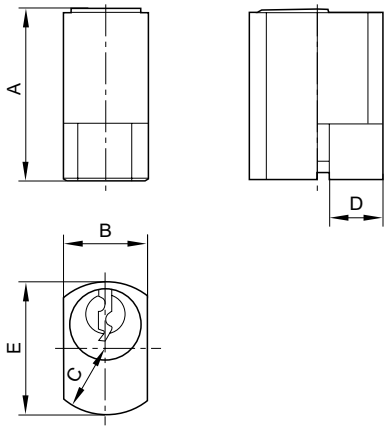
Part No.	Ambient temperature min./max. [C°]										
R412010148	-10 / +60										
R412010149	-10 / +60										
R412010150	-10 / +60										

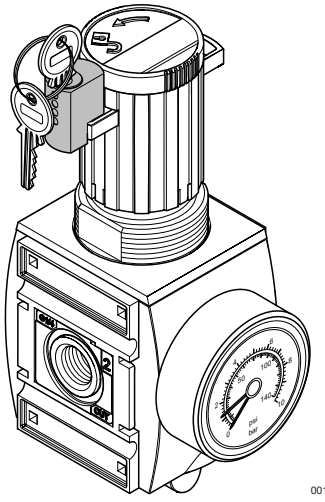
For inserting into the O-ring groove when using series QR1 and QR2 fittings.

Series AS3
Accessories

mortise lock
► for series AS2, AS3, AS5, With standard and E11 locking

00135465





00134002

Part No.	Type	A	B	C	D	E	Material	
R412007959	Standard locking, with key	25	13	R10	Ø8	20	Steel	
R412006374	E11 locking, without key	25	13	R10	Ø8	20	Steel	

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