Electric Drives and Controls | Hydraulics | Linear Motion and Assembly Technologies | Pneumatics | Service

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Preparation of compressed air → Maintenance units and components

Series AS2

Brochure

Preparation of compressed air → Maintenance units and components

Series AS2

Preparation of compressed air → Maintenance units and components

Series AS2

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 AS2

Preparation of compressed air → Maintenance units and components

Series AS2

Distributor, Series AS2-DIC
► G 1/4 ► Distributor 4x ► Center infeed ► ATEX certified

94

Distributor, Series AS2-DIN
► G 1/4 - G 3/8 ► Non-return valve ► ATEX certified

96

Accessories

Reservoir, Series AS2-CLS/ -CLP/ -CLC
► for filters, pre-filters and microfilters

98

Reservoir, Series AS2-CLA
► for active carbon filter

99

Reservoir, Series AS2-CBS
► for lubricator

100

Mounting plate, AS2-MBR-...-W01

101

Mounting bracket, AS2-MBR-...-W02

102

Mounting clip, AS2-MBR-...-W03

103

Block assembly kit, AS2-MBR-...-W04

104

Block assembly kit, AS2-MBR-...-W05

105

Preparation of compressed air → Maintenance units and components

Series AS2

Maintenance unit, 2-part, Series AS2-ACD

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

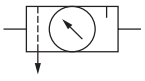
00119382

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
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	28 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	40 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

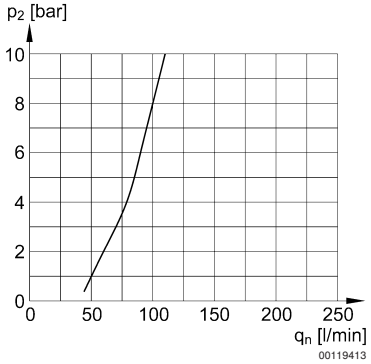
Maintenance unit, 2-part, Series AS2-ACD

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

	Port	Qn	Working pressure min./max.	Condensate drain	Note	Weight	Part No.
		[l/min]	[bar]			[kg]	
	G 1/4	1800	1.5 / 16	semi-automatic, open without pressure	1); 3)	0.633	**R412006298**
	G 1/4	1800	1.5 / 16	semi-automatic, open without pressure	2)	0.633	R412006304
	G 1/4	1800	1.5 / 16	fully automatic, open without pressure	1); 3)	0.676	**R412006299**
	G 1/4	1800	1.5 / 16	fully automatic, open without pressure	2)	0.676	R412006305
	G 1/4	1800	0 / 16	fully automatic, closed without pressure	1); 3)	0.676	**R412006300**
	G 1/4	1800	0 / 16	fully automatic, closed without pressure	2)	0.676	R412006306
	G 3/8	2000	1.5 / 16	semi-automatic, open without pressure	1); 3)	0.633	**R412006307**
	G 3/8	2000	1.5 / 16	fully automatic, open without pressure	1); 3)	0.676	**R412006308**
	G 3/8	2000	0 / 16	fully automatic, closed without pressure	1); 3)	0.676	**R412006309**
	G 3/8	2000	1.5 / 16	semi-automatic, open without pressure	2)	0.633	R412006313
	G 3/8	2000	1.5 / 16	fully automatic, open without pressure	2)	0.676	R412006314
	G 3/8	2000	0 / 16	fully automatic, closed without pressure	2)	0.676	R412006315

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

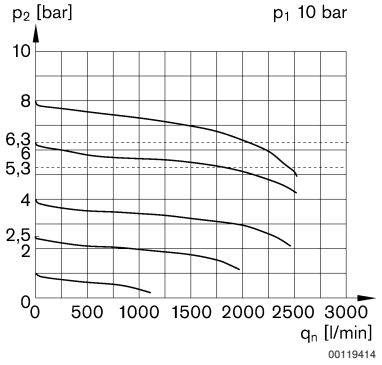


p2 = secondary pressure qn = nominal flow

Maintenance unit, 2-part, Series AS2-ACD

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

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

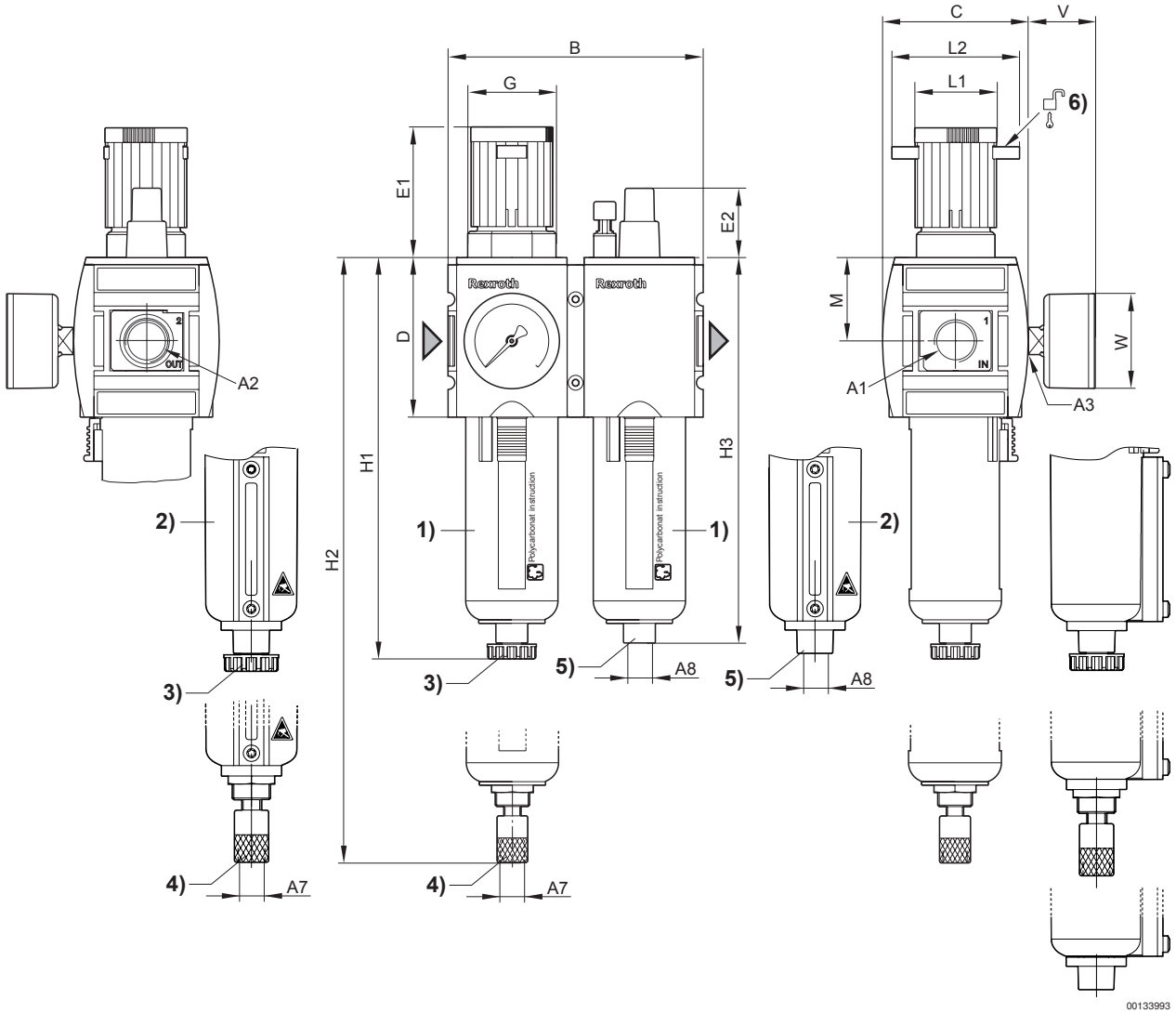


p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Maintenance unit, 2-part, Series AS2-ACD

► G 1/4 - G 3/8 ► 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) Port for semi-automatic oil filling
6) Mounting option for padlocks; max. shackle Ø 8

A1	A2	A3	A7	A8	B	C	D	E1	E2	G	H1	H2
G 1/4	G 1/4	G 1/4	G 1/8	G 1/8	104	59	65	57.9	29.5	M36x1,5	163.5	180.5
G 3/8	G 3/8	G 1/4	G 1/8	G 1/8	104	59	65	57.9	29.5	M36x1,5	163.5	180.5

A1	H3	M	L1	L2	V	W							
G 1/4	157	34	34	54	37	50							
G 3/8	157	34	34	54	37	50							

Maintenance unit, 3-part, Series AS2-ACT

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

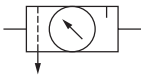
00119436

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
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	28 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	40 cm^3
Materials:	
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber
Reservoir	Polycarbonate
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

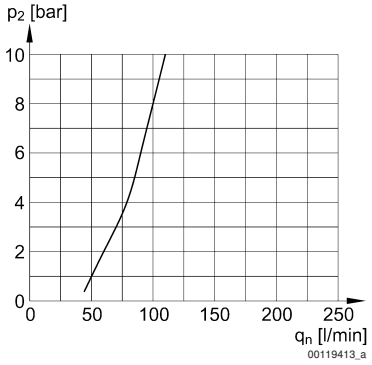
Maintenance unit, 3-part, Series AS2-ACT

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

	Port	Qn	Working pressure min./max.	Condensate drain	Note	Weight	Part No.
		[l/min]	[bar]			[kg]	
	G 1/4	1400	1.5 / 16	semi-automatic, open without pressure	1); 3)	0.78	**R412006318**
	G 1/4	1400	1.5 / 16	semi-automatic, open without pressure	2)	0.78	R412006324
	G 1/4	1400	1.5 / 16	fully automatic, open without pressure	1); 3)	0.825	**R412006319**
	G 1/4	1400	1.5 / 16	fully automatic, open without pressure	2)	0.825	R412006325
	G 1/4	1400	0 / 16	fully automatic, closed without pressure	1); 3)	0.825	**R412006320**
	G 1/4	1400	0 / 16	fully automatic, closed without pressure	2)	0.825	R412006326
	G 3/8	1600	1.5 / 16	semi-automatic, open without pressure	1); 3)	0.78	**R412006327**
	G 3/8	1600	1.5 / 16	semi-automatic, open without pressure	2)	0.78	R412006333
	G 3/8	1600	1.5 / 16	fully automatic, open without pressure	1); 3)	0.825	**R412006328**
	G 3/8	1600	1.5 / 16	fully automatic, open without pressure	2)	0.825	R412006334
	G 3/8	1600	0 / 16	fully automatic, closed without pressure	1); 3)	0.825	**R412006329**
	G 3/8	1600	0 / 16	fully automatic, closed without pressure	2)	0.825	R412006335

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



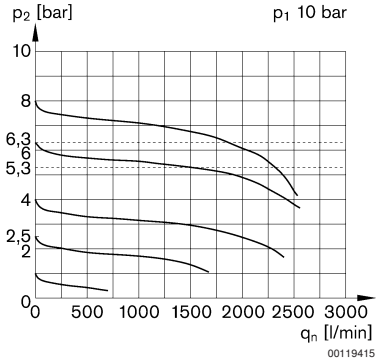
p2 = secondary pressure qn = nominal flow

Preparation of compressed air → Maintenance units and components

Maintenance unit, 3-part, Series AS2-ACT

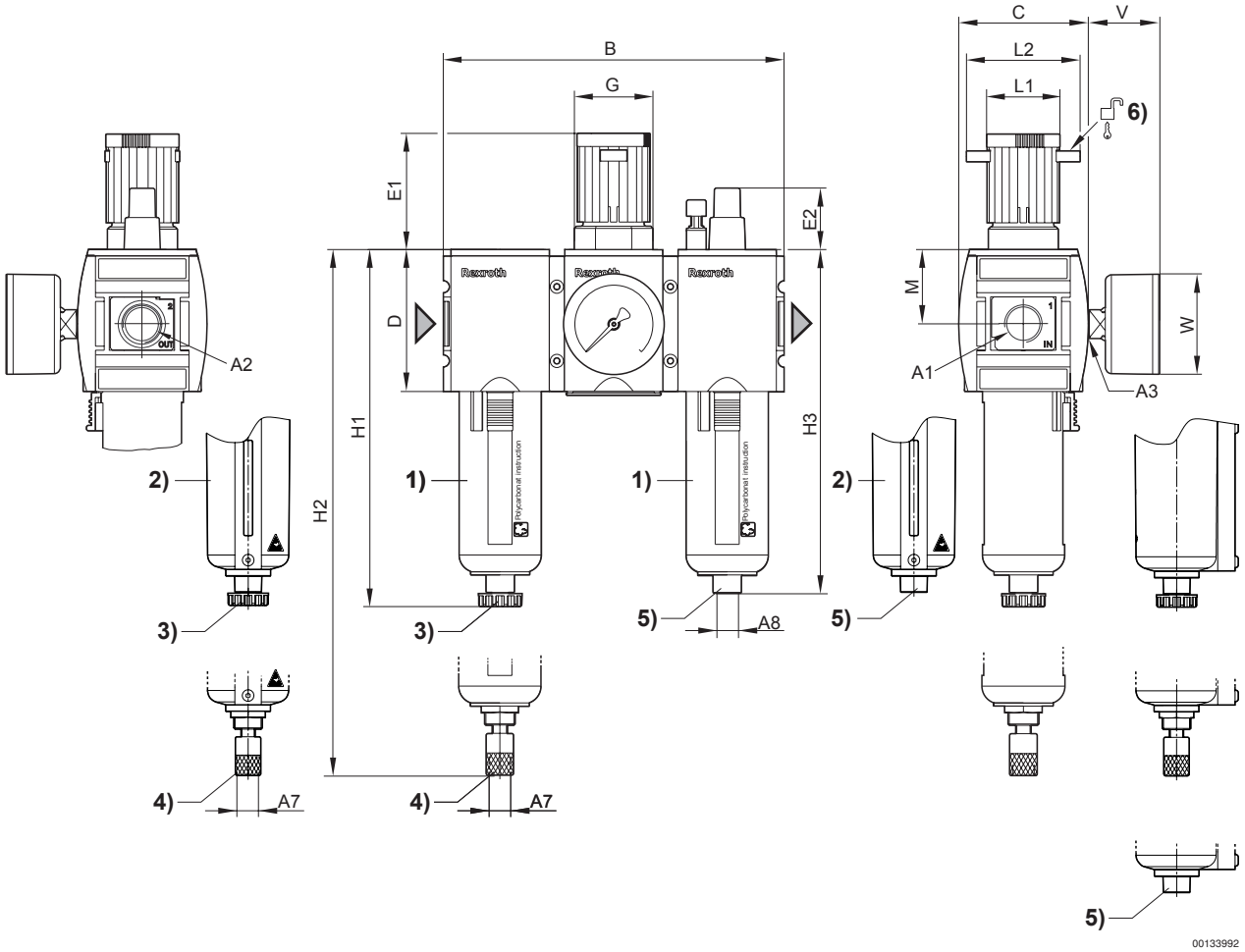
► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

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

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

Maintenance unit, 3-part, Series AS2-ACT

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

A1	A2	A3	A7	A8	B	C	D	E1	E2	G	H1	H2
G 1/4	G 1/4	G 1/4	G 1/8	G 1/8	156	59	65	57.9	29.5	M36x1,5	163.5	180.5
G 3/8	G 3/8	G 1/4	G 1/8	G 1/8	156	59	65	57.9	29.5	M36x1,5	163.5	180.5

A1	H3	M	L1	L2	V	W							
G 1/4	157	34	34	54	37	50							
G 3/8	157	34	34	54	37	50							

Preparation of compressed air → Maintenance units and components

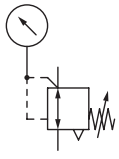
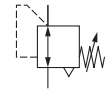
Pressure regulator, Series AS2-RGS

► G 1/4 - G 3/8 ► Qn = 2200 - 2700 l/min ► Activation : mechanical ► lockable ► ATEX certified

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 1/4	2200	0.1 / 16	0.1 - 1	0.32	**R412006101**
		G 1/4	2200	0.1 / 16	0.1 - 2		**R412006103**
		G 1/4	2200	0.2 / 16	0.2 - 4		**R412006105**
		G 1/4	2200	0.5 / 16	0.5 - 8		**R412006107**
		G 1/4	2200	0.5 / 16	0.5 - 10		**R412006109**
		G 1/4	2200	0.5 / 16	0.5 - 16		**R412006111**
		G 3/8	2700	0.1 / 16	0.1 - 1		**R412006113**
		G 3/8	2700	0.1 / 16	0.1 - 2		**R412006115**
		G 3/8	2700	0.2 / 16	0.2 - 4		**R412006117**
		G 3/8	2700	0.5 / 16	0.5 - 8		**R412006119**
		G 3/8	2700	0.5 / 16	0.5 - 10		**R412006121**
		G 3/8	2700	0.5 / 16	0.5 - 16		**R412006123**
	-	G 1/4	2200	0.1 / 16	0.1 - 1	0.248	**R412006100**
		G 1/4	2200	0.1 / 16	0.1 - 2		**R412006102**
		G 1/4	2200	0.2 / 16	0.2 - 4		**R412006104**
		G 1/4	2200	0.5 / 16	0.5 - 8		**R412006106**
		G 1/4	2200	0.5 / 16	0.5 - 10		**R412006108**
		G 1/4	2200	0.5 / 16	0.5 - 16		**R412006110**
		G 3/8	2700	0.1 / 16	0.1 - 1		**R412006112**
		G 3/8	2700	0.1 / 16	0.1 - 2		**R412006114**
		G 3/8	2700	0.2 / 16	0.2 - 4		**R412006116**
		G 3/8	2700	0.5 / 16	0.5 - 8		**R412006118**
		G 3/8	2700	0.5 / 16	0.5 - 10		**R412006120**
		G 3/8	2700	0.5 / 16	0.5 - 16		**R412006122**

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

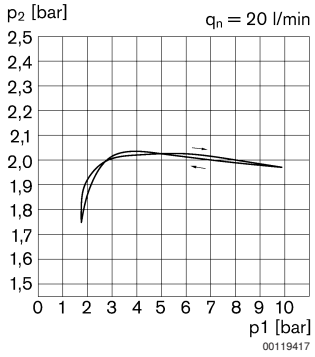
Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for detailed information

Preparation of compressed air → Maintenance units and components

Pressure regulator, Series AS2-RGS

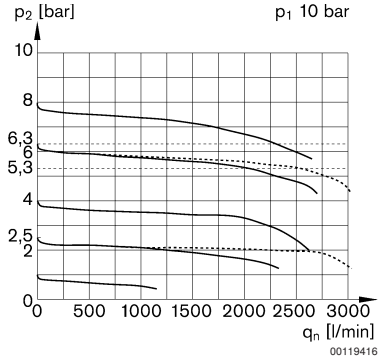
► G 1/4 - G 3/8 ► Qn = 2200 - 2700 l/min ► Activation : mechanical ► lockable ► ATEX certified

Pressure characteristics curve



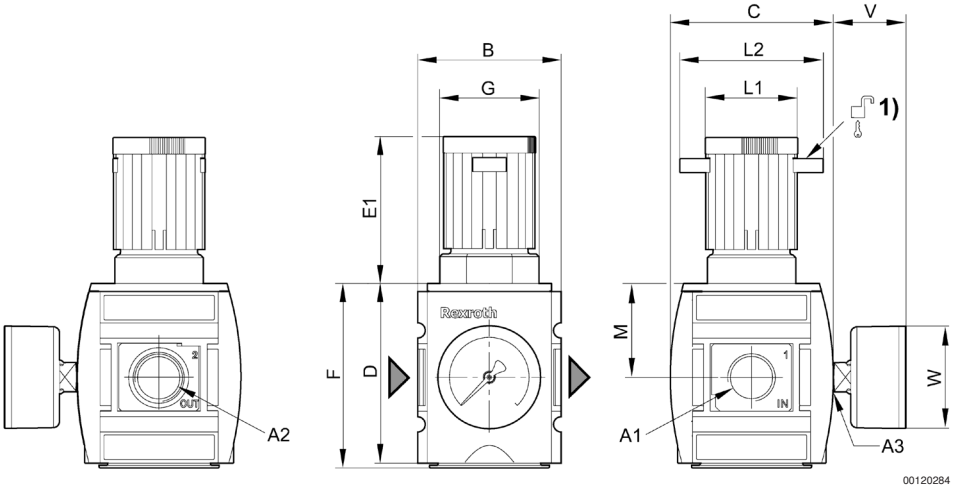
p1 = working pressure; p2 = secondary pressure; qn = nominal flow

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 AS2-RGS

► G 1/4 - G 3/8 ► Qn = 2200 - 2700 l/min ► Activation : mechanical ► lockable ► ATEX certified

A1	A2	A3	B	C	D	E1	F	G	L1	L2	M	V
G 1/4	G 1/4	G 1/4	52	59	65	57.9	66.8	M36x1,5	34	54	34	37
G 3/8	G 3/8	G 1/4	52	59	65	57.9	66.8	M36x1,5	34	54	34	37

A1	W											
G 1/4	50											
G 3/8	50											

Preparation of compressed air → Maintenance units and components

Pressure regulator, Series AS2-RGS-...-DS

► G 1/4 - G 3/8 ► Qn = 2200 - 2700 l/min ► Activation : manual ► 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

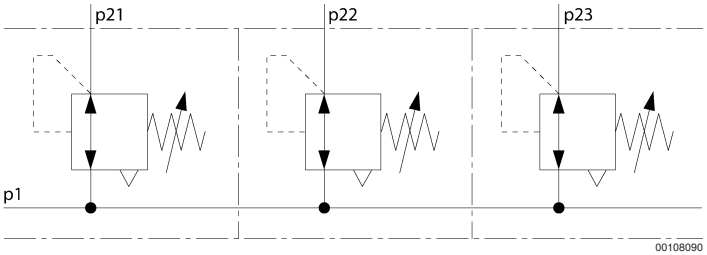
Technical Remarks

- 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 1/4	2200	0.1 / 16	0.1 - 1	0.248	**R412006124**
	G 1/4	2200	0.1 / 16	0.1 - 2		**R412006125**
	G 1/4	2200	0.2 / 16	0.2 - 4		**R412006126**
	G 1/4	2200	0.5 / 16	0.5 - 8		**R412006127**
	G 1/4	2200	0.5 / 16	0.5 - 10		**R412006128**
	G 1/4	2200	0.5 / 16	0.5 - 16		**R412006129**
	G 3/8	2700	0.1 / 16	0.1 - 1		**R412006130**
	G 3/8	2700	0.1 / 16	0.1 - 2		**R412006131**
	G 3/8	2700	0.2 / 16	0.2 - 4		**R412006132**
	G 3/8	2700	0.5 / 16	0.5 - 8		**R412006133**
	G 3/8	2700	0.5 / 16	0.5 - 10		**R412006134**
	G 3/8	2700	0.5 / 16	0.5 - 16		**R412006135**

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

Application example



00108090

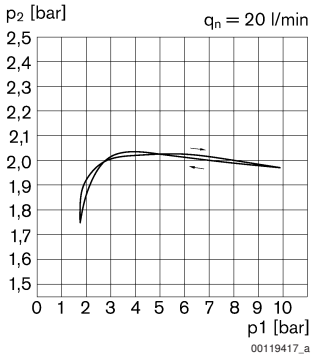
p1 = working pressure
p21; p22; p23 = secondary pressure

Preparation of compressed air → Maintenance units and components

Pressure regulator, Series AS2-RGS-...-DS

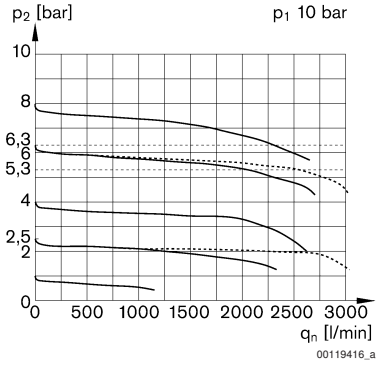
► G 1/4 - G 3/8 ► Qn = 2200 - 2700 l/min ► Activation : manual ► with continuous pressure supply ► lockable ► ATEX certified

Pressure characteristics curve



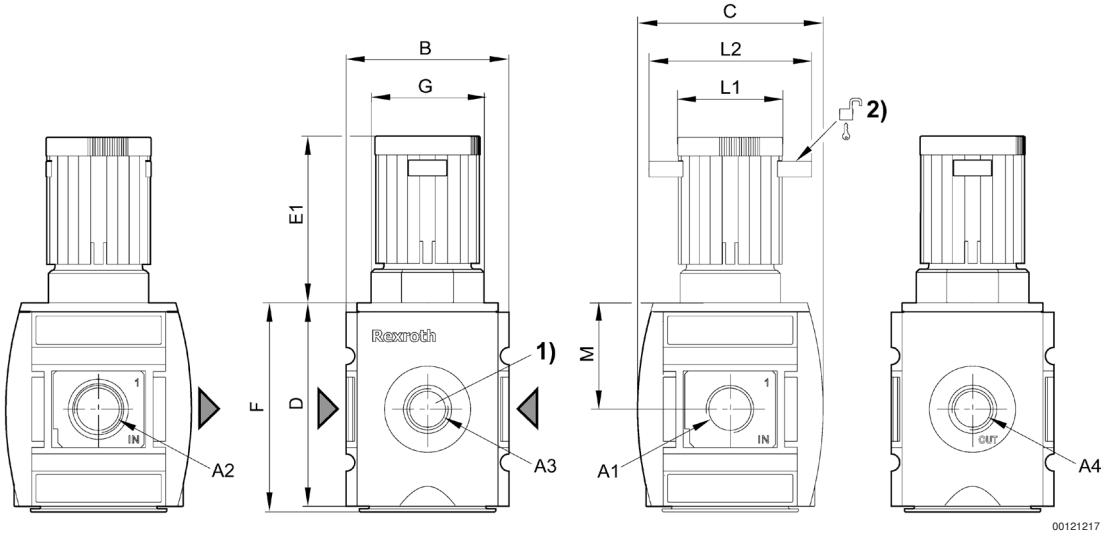
p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Flow rate characteristic p2: 0,5 - 10 bar



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

Dimensions



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

Pressure regulator, Series AS2-RGS-...-DS

► G 1/4 - G 3/8 ► Qn = 2200 - 2700 l/min ► Activation : manual ► with continuous pressure supply ► lockable ► ATEX certified

A1	A2	A3	A4	B	C	D	E1	F	G	L1	L2	M
G 1/4	G 1/4	G 1/4	G 1/4	52	59	65	57.9	66.8	M36x1,5	34	54	34
G 3/8	G 3/8	G 1/4	G 1/4	52	59	65	57.9	66.8	M36x1,5	34	54	34

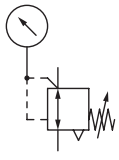
Precision pressure regulator, Series AS2-RGP

► G 1/4 - G 3/8 ► Qn = 2200 - 2700 l/min ► Activation : mechanical ► lockable ► ATEX certified

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 1/4	2200	0.1 / 16	0.1 - 1		**R412006137**
		G 1/4	2200	0.1 / 16	0.1 - 2		**R412006139**
		G 1/4	2200	0.2 / 16	0.2 - 4		**R412006141**
		G 1/4	2200	0.5 / 16	0.5 - 8	0.32	**R412006143**
		G 1/4	2200	0.5 / 16	0.5 - 10		**R412006145**
		G 3/8	2700	0.1 / 16	0.1 - 1		**R412006149**
		G 3/8	2700	0.1 / 16	0.1 - 2		**R412006151**
		G 3/8	2700	0.2 / 16	0.2 - 4		**R412006153**
		G 3/8	2700	0.5 / 16	0.5 - 8		**R412006155**
		G 3/8	2700	0.5 / 16	0.5 - 10		**R412006157**
	-	G 1/4	2200	0.1 / 16	0.1 - 1		**R412006136**
		G 1/4	2200	0.1 / 16	0.1 - 2		**R412006138**
		G 1/4	2200	0.2 / 16	0.2 - 4		**R412006140**
		G 1/4	2200	0.5 / 16	0.5 - 8		**R412006142**
		G 1/4	2200	0.5 / 16	0.5 - 10	0.248	**R412006144**
		G 3/8	2700	0.1 / 16	0.1 - 1		**R412006148**
		G 3/8	2700	0.1 / 16	0.1 - 2		**R412006150**
		G 3/8	2700	0.2 / 16	0.2 - 4		**R412006152**
		G 3/8	2700	0.5 / 16	0.5 - 8		**R412006154**
		G 3/8	2700	0.5 / 16	0.5 - 10		**R412006156**

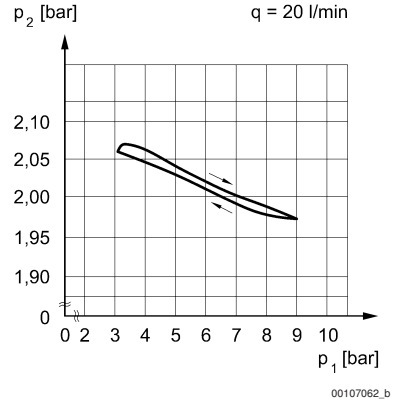
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Preparation of compressed air → Maintenance units and components

Precision pressure regulator, Series AS2-RGP

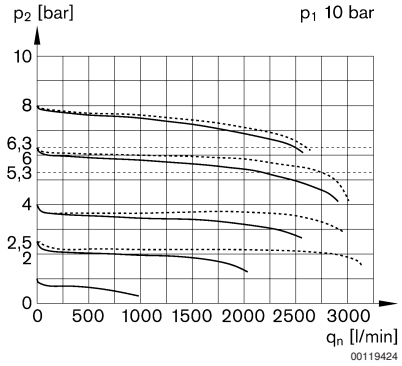
► G 1/4 - G 3/8 ► Qn = 2200 - 2700 l/min ► Activation : mechanical ► lockable ► ATEX certified

Pressure characteristics curve



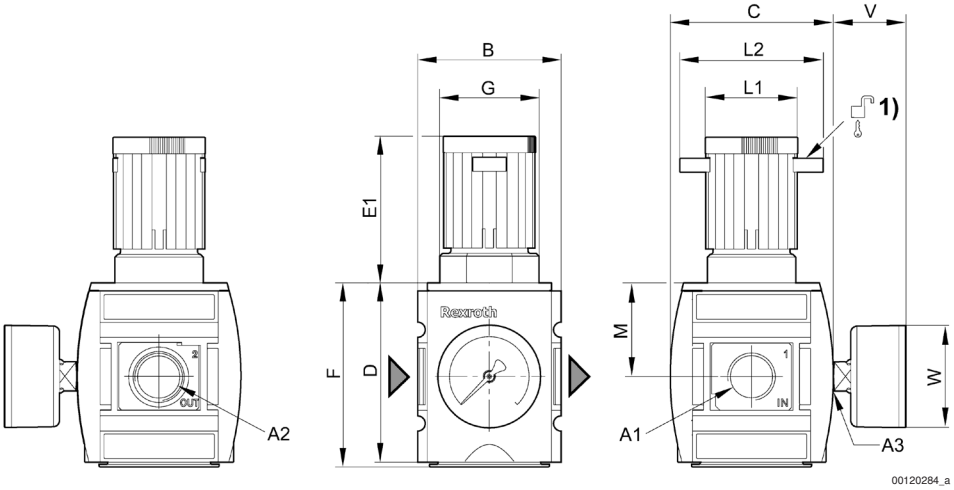
p1 = working pressure; p2 = secondary pressure; qn = nominal flow

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

Precision pressure regulator, Series AS2-RGP

► G 1/4 - G 3/8 ► Qn = 2200 - 2700 l/min ► Activation : mechanical ► lockable ► ATEX certified

A1	A2	A3	B	C	D	E1	F	G	L1	L2	M	V
G 1/4	G 1/4	G 1/4	52	59	65	57.9	66.8	M36x1,5	34	54	34	37
G 3/8	G 3/8	G 1/4	52	59	65	57.9	66.8	M36x1,5	34	54	34	37

A1	W											
G 1/4	50											
G 3/8	50											

Preparation of compressed air → Maintenance units and components

Precision pressure regulator, Series AS2-RGP-...-DS

► G 1/4 - G 3/8 ► Qn = 2200 - 2700 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

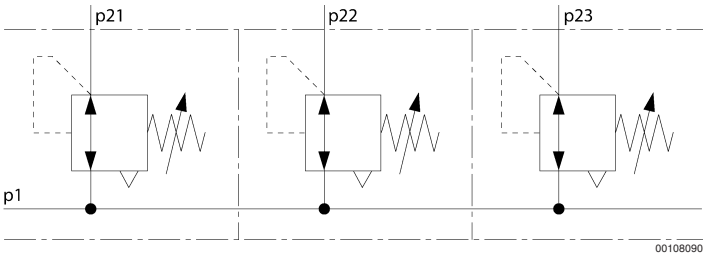
Technical Remarks

- 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 1/4	2200	0.1 / 16	0.1 - 1	0.248	**R412006160**
	G 1/4	2200	0.1 / 16	0.1 - 2		**R412006161**
	G 1/4	2200	0.2 / 16	0.2 - 4		**R412006162**
	G 1/4	2200	0.5 / 16	0.5 - 8		**R412006163**
	G 1/4	2200	0.5 / 16	0.5 - 10		**R412006164**
	G 3/8	2700	0.1 / 16	0.1 - 1		**R412006166**
	G 3/8	2700	0.1 / 16	0.1 - 2		**R412006167**
	G 3/8	2700	0.2 / 16	0.2 - 4		**R412006168**
	G 3/8	2700	0.5 / 16	0.5 - 8		**R412006169**
	G 3/8	2700	0.5 / 16	0.5 - 10		**R412006170**

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

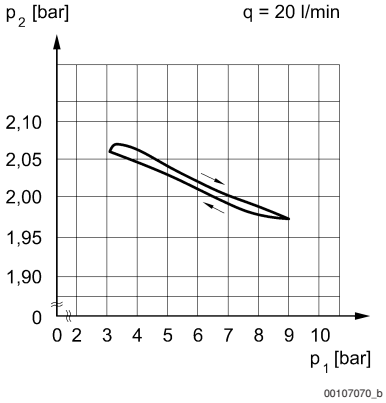
Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for detailed information

Preparation of compressed air → Maintenance units and components

Precision pressure regulator, Series AS2-RGP-...-DS

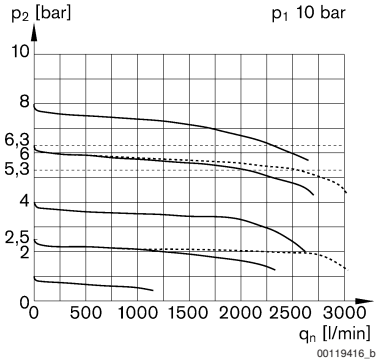
► G 1/4 - G 3/8 ► Qn = 2200 - 2700 l/min ► Activation : mechanical ► with continuous pressure supply ► lockable ► ATEX certified

Pressure characteristics curve



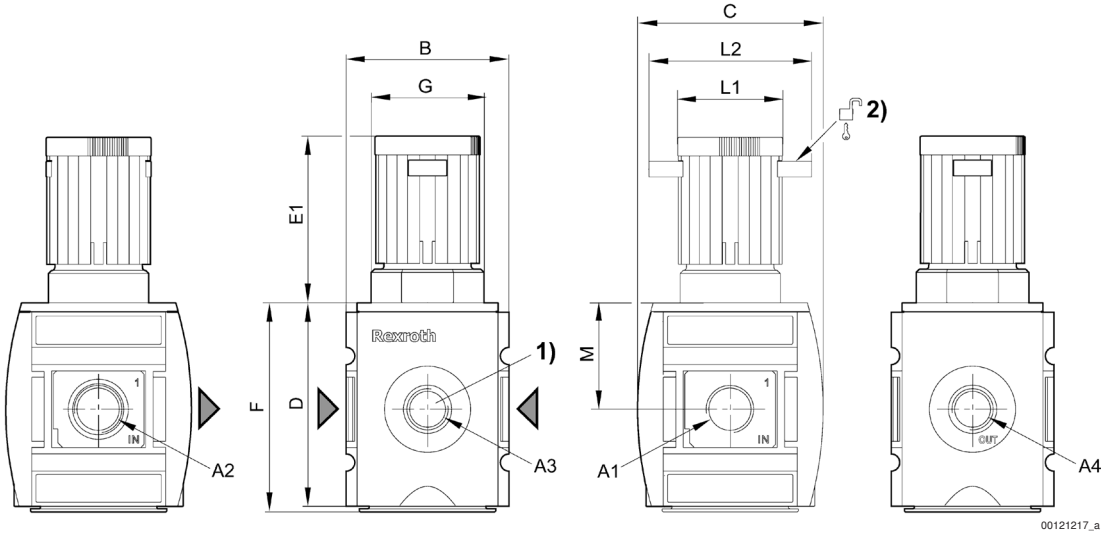
p1 = working pressure; p2 = secondary pressure; qn = nominal flow

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

Precision pressure regulator, Series AS2-RGP-...-DS

► G 1/4 - G 3/8 ► Qn = 2200 - 2700 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 1/4	G 1/4	G 1/4	G 1/4	52	59	65	57.9	66.8	M36x1,5	34	54	34
G 3/8	G 3/8	G 1/4	G 1/4	52	59	65	57.9	66.8	M36x1,5	34	54	34

Filter pressure regulator, Series AS2-FRE

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► ATEX certified

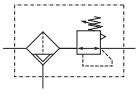
00119371

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	28 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 AS2-FRE

► G 1/4 - G 3/8 ► 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 1/4	2100	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	1); 3)	**R412006175**
	G 1/4	2100	1.5 / 16	0.5 / 8	fully automatic, open without pressure	1); 3)	**R412006176**
	G 1/4	2100	0 / 16	0.5 / 8	fully automatic, closed without pressure	1); 3)	**R412006177**
	G 1/4	2100	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	2)	**R412006181**
	G 1/4	2100	1.5 / 16	0.5 / 8	fully automatic, open without pressure	2)	**R412006182**
	G 1/4	2100	0 / 16	0.5 / 8	fully automatic, closed without pressure	2)	**R412006183**
	G 1/4	2100	1.5 / 16	0.5 / 10	semi-automatic, open without pressure	1); 3)	**R412006193**
	G 1/4	2100	1.5 / 16	0.5 / 10	fully automatic, open without pressure	1); 3)	R412006194
	G 1/4	2100	0 / 16	0.5 / 10	fully automatic, closed without pressure	1); 3)	R412006195
	G 1/4	2100	1.5 / 16	0.5 / 16	semi-automatic, open without pressure	1); 3)	R412006236
	G 1/4	2100	1.5 / 16	0.5 / 16	fully automatic, open without pressure	1); 3)	R412006237
	G 1/4	2100	0 / 16	0.5 / 16	fully automatic, closed without pressure	1); 3)	R412006238
	G 3/8	2600	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	1); 3)	**R412006184**
	G 3/8	2600	1.5 / 16	0.5 / 8	fully automatic, open without pressure	1); 3)	**R412006185**
	G 3/8	2600	0 / 16	0.5 / 8	fully automatic, closed without pressure	1); 3)	**R412006186**
	G 3/8	2600	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	2)	**R412006190**
	G 3/8	2600	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	2)	**R412006191**
	G 3/8	2600	0 / 16	0.5 / 8	fully automatic, closed without pressure	2)	**R412006192**
	G 3/8	2600	1.5 / 16	0.5 / 10	semi-automatic, open without pressure	1); 3)	R412006203
	G 3/8	2600	1.5 / 16	0.5 / 10	fully automatic, open without pressure	1); 3)	R412006204
	G 3/8	2600	0 / 16	0.5 / 10	fully automatic, closed without pressure	1); 3)	**R412006205**
	G 3/8	2600	1.5 / 16	0.5 / 16	semi-automatic, open without pressure	1); 3)	R412006239
	G 3/8	2600	1.5 / 16	0.5 / 16	fully automatic, open without pressure	1); 3)	R412006240
	G 3/8	2600	0 / 16	0.5 / 16	fully automatic, closed without pressure	1); 3)	R412006241

Part No.	Weight
	[kg]
R412006175	0.304

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

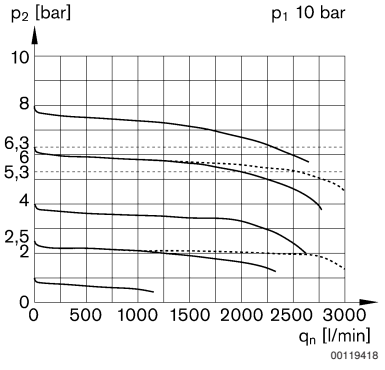
Filter pressure regulator, Series AS2-FRE

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► ATEX certified

Part No.	Weight
	[kg]
R412006176	0.347
R412006177	0.347
R412006181	0.537
R412006182	0.66
R412006183	0.589
R412006193	0.304
R412006194	0.347
R412006195	0.347
R412006236	0.304
R412006237	0.347
R412006238	0.347
R412006184	0.347
R412006185	0.347
R412006186	0.347
R412006190	0.523
R412006191	0.655
R412006192	0.575
R412006203	0.523
R412006204	0.655
R412006205	0.575
R412006239	0.523
R412006240	0.655
R412006241	0.575

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

Flow rate characteristic

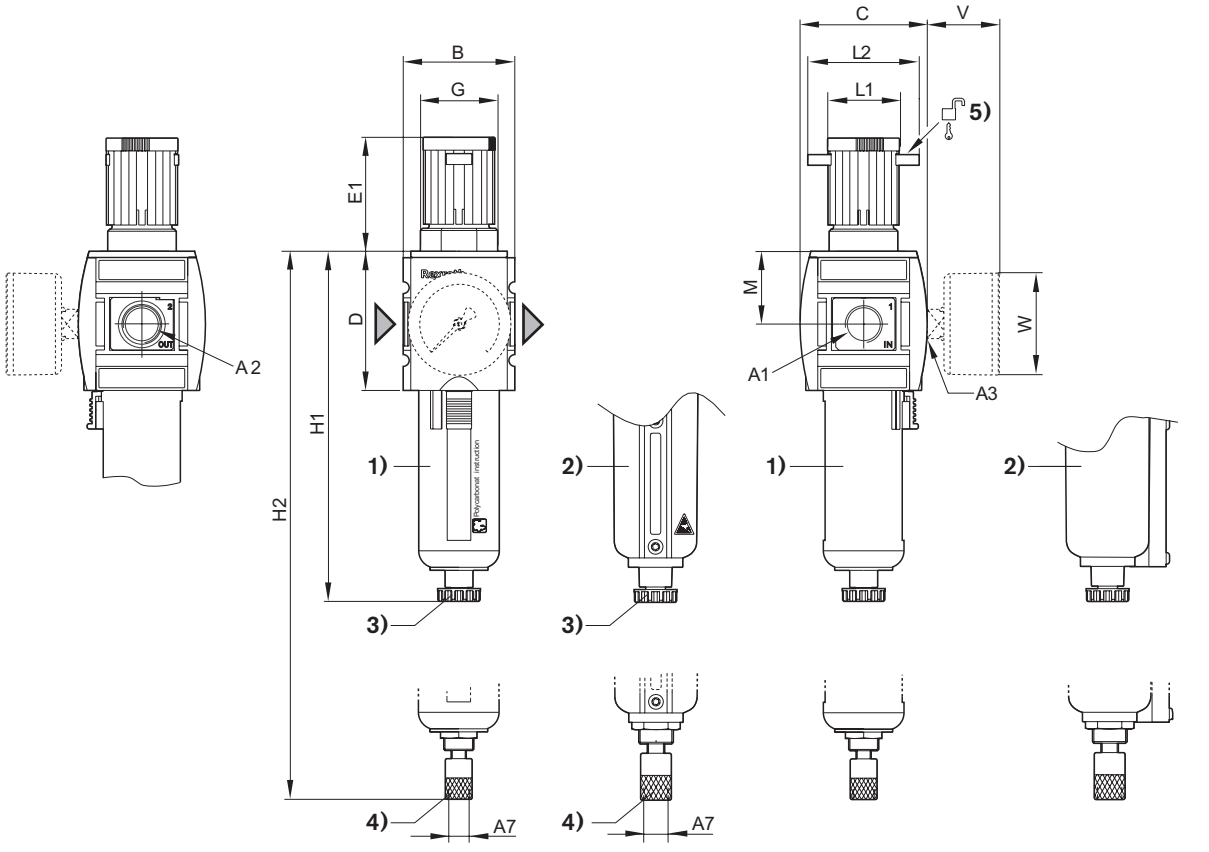


p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Filter pressure regulator, Series AS2-FRE

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► 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	L1	L2
G 1/4	G 1/4	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	163.5	--	34	54
G 1/4	G 1/4	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	--	180.5	34	54
G 3/8	G 3/8	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	163.5	--	34	54
G 3/8	G 3/8	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	--	180.5	34	54

A1	M	V	W										
G 1/4	34	37	--										
G 1/4	34	37	--										
G 3/8	34	37	--										
G 3/8	34	37	--										

Filter pressure regulator, Series AS2-FRE

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

00119372

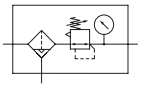
ATEX	II 2G2D T4 X
Maintenance Unit	1-in-1, Can be assembled into blocks
Parts	Filter, Pressure controller
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Lock type	with padlock
Pressure supply	single
Installation location	vertical
Ambient temperature min./max.	-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	28 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 AS2-FRE

► G 1/4 - G 3/8 ► 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 1/4	2100	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	1); 3)	**R412006200**
	G 1/4	2100	1.5 / 16	0.5 / 8	fully automatic, open without pressure	1); 3)	**R412006201**
	G 1/4	2100	0 / 16	0.5 / 8	fully automatic, closed without pressure	1); 3)	**R412006202**
	G 1/4	2100	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	2)	**R412006206**
	G 1/4	2100	1.5 / 16	0.5 / 8	fully automatic, open without pressure	2)	**R412006207**
	G 1/4	2100	0 / 16	0.5 / 8	fully automatic, closed without pressure	2)	**R412006208**
	G 1/4	2100	1.5 / 16	0.5 / 10	semi-automatic, open without pressure	1); 3)	R412006196
	G 1/4	2100	1.5 / 16	0.5 / 10	fully automatic, open without pressure	1); 3)	R412006197
	G 1/4	2100	0 / 16	0.5 / 10	fully automatic, closed without pressure	1); 3)	R412006198
	G 3/8	2600	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	1); 3)	**R412006209**
	G 3/8	2600	1.5 / 16	0.5 / 8	fully automatic, open without pressure	1); 3)	**R412006210**
	G 3/8	2600	0 / 16	0.5 / 8	fully automatic, closed without pressure	1); 3)	**R412006211**
	G 3/8	2600	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	2)	**R412006215**
	G 3/8	2600	1.5 / 16	0.5 / 8	fully automatic, open without pressure	2)	**R412006216**
	G 3/8	2600	0 / 16	0.5 / 8	fully automatic, closed without pressure	2)	**R412006217**
	G 3/8	2600	1.5 / 16	0.5 / 10	semi-automatic, open without pressure	2)	R412006212
	G 3/8	2600	1.5 / 16	0.5 / 10	fully automatic, open without pressure	2)	R412006213
	G 3/8	2600	0 / 16	0.5 / 10	fully automatic, closed without pressure	2)	R412006214

Part No.	Weight
	[kg]
R412006200	0.394
R412006201	0.437
R412006202	0.437
R412006206	0.609
R412006207	0.661
R412006208	0.661
R412006196	0.394
R412006197	0.437
R412006198	0.437
R412006209	0.437
R412006210	0.437
R412006211	0.437

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

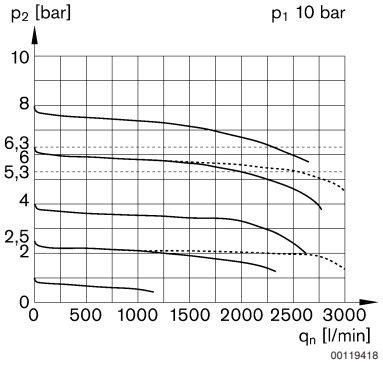
Filter pressure regulator, Series AS2-FRE

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified

Part No.	Weight
	[kg]
R412006215	0.596
R412006216	0.648
R412006217	0.648
R412006212	0.596
R412006213	0.648
R412006214	0.648

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

Flow rate characteristic

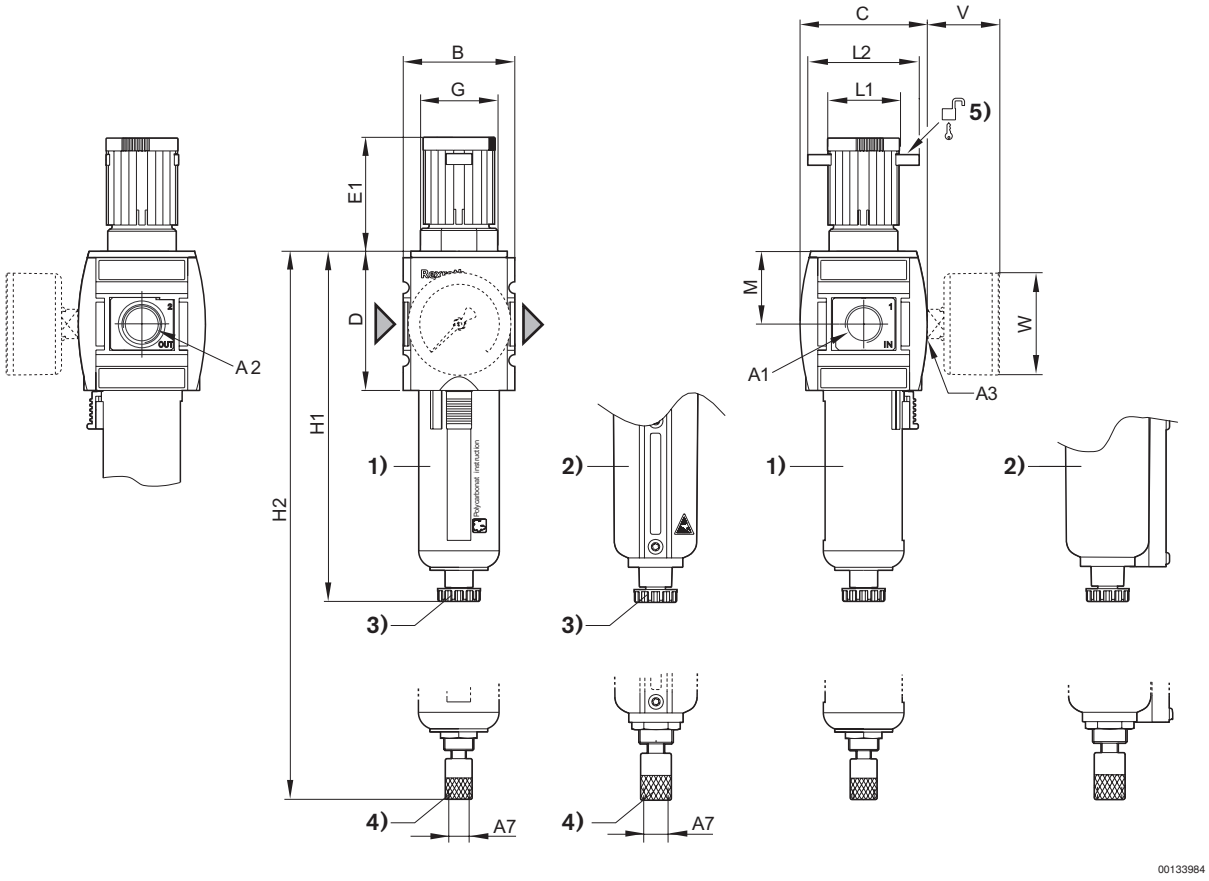


p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Filter pressure regulator, Series AS2-FRE

► G 1/4 - G 3/8 ► 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	L1	L2
G 1/4	G 1/4	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	163.5	--	34	54
G 1/4	G 1/4	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	--	180.5	34	54
G 3/8	G 3/8	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	163.5	--	34	54
G 3/8	G 3/8	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	--	180.5	34	54

A1	M	V	W										
G 1/4	34	37	50										
G 1/4	34	37	50										
G 3/8	34	37	50										
G 3/8	34	37	50										

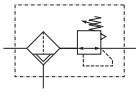
Filter pressure regulator, Series AS2-FRE

► G 1/4 - G 3/8 ► 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
Working pressure min./max.	See table below
Adjustment range min./max.	See table below
Medium	Compressed air
Filter element	exchangeable
Filter reservoir volume	28 cm³
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/m³

	Port	Qn	Working pressure min./max.	Adjustment range min./max.	Condensate drain	Note	Part No.
		[l/min]	[bar]	[bar]			
	G 1/4	2100	1.5 / 16	0.5 / 8	semi-automatic, open without pressure	1)	R412006180
	G 1/4	2100	1.5 / 16	0.5 / 10	semi-automatic, open without pressure	2); 3)	R412006218
	G 1/4	2100	1.5 / 16	0.5 / 10	fully automatic, open without pressure	2); 3)	R412006219
	G 1/4	2100	0 / 16	0 / 10	fully automatic, closed without pressure	2); 3)	R412006220
	G 3/8	2600	1.5 / 16	0.5 / 10	semi-automatic, open without pressure	2); 3)	R412006221
	G 3/8	2600	1.5 / 16	0.5 / 10	fully automatic, open without pressure	2); 3)	R412006222
	G 3/8	2600	0 / 16	0 / 10	fully automatic, closed without pressure	2); 3)	R412006223

Part No.	Weight
	[kg]
R412006180	0.537
R412006218	0.304

1) Reservoir: Die cast zinc
2) Reservoir: Polycarbonate
3) 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

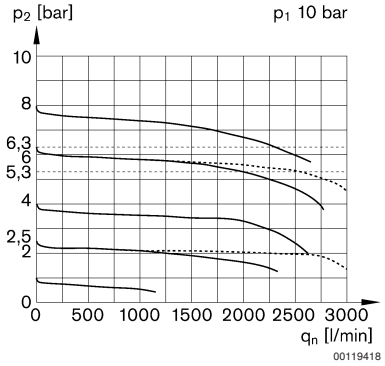
Filter pressure regulator, Series AS2-FRE

► G 1/4 - G 3/8 ► filter porosity: 25 µm ► lockable ► ATEX certified

Part No.	Weight
	[kg]
R412006219	0.347
R412006220	0.347
R412006221	0.347
R412006222	0.347
R412006223	0.347

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

Flow rate characteristic

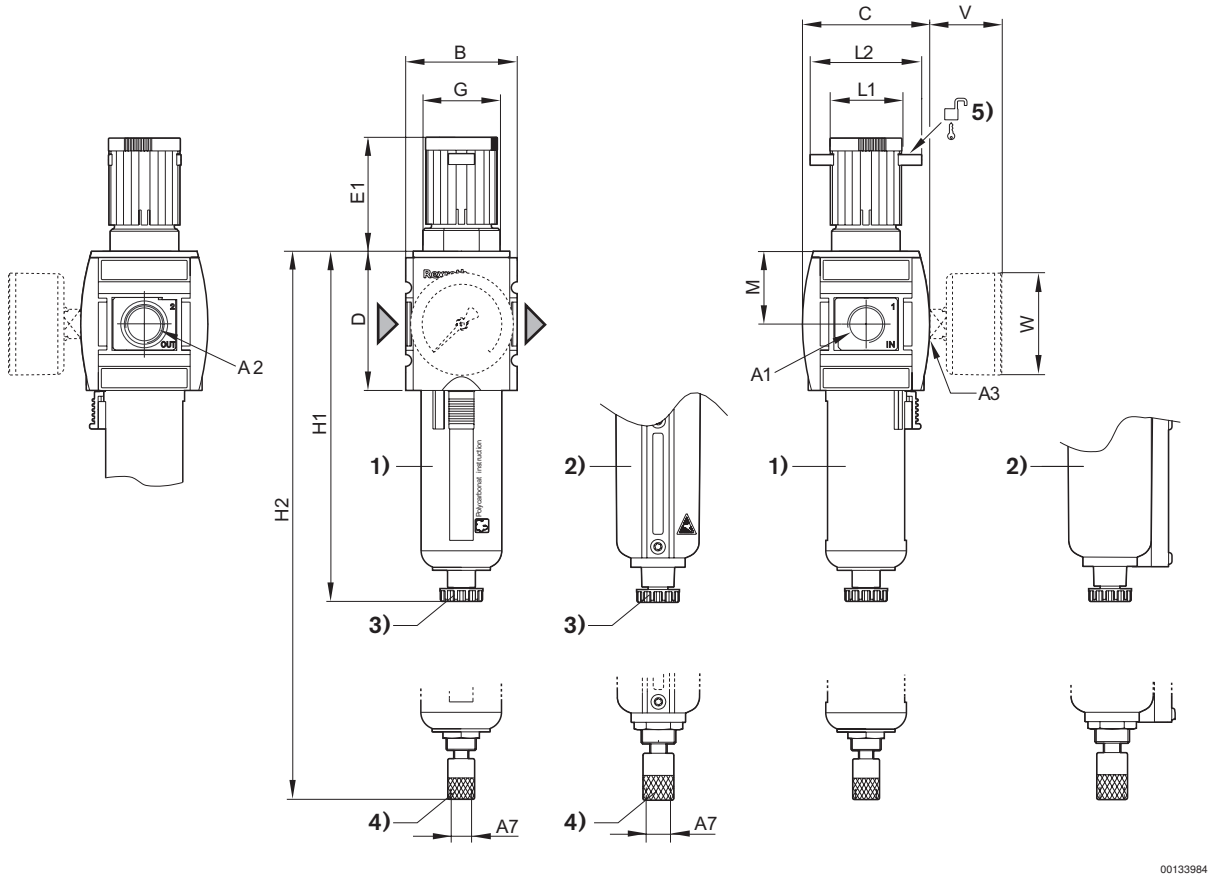


p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Filter pressure regulator, Series AS2-FRE

► G 1/4 - G 3/8 ► filter porosity: 25 µm ► lockable ► 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	L1	L2
G 1/4	G 1/4	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	163.5	180.5	34	54
G 3/8	G 1/4	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	163.5	180.5	34	54

A1	M	V	W										
G 1/4	34	37	50										
G 3/8	34	37	50										

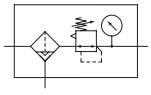
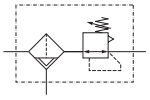
Filter pressure regulator, Series AS2-FRE

► G 3/8 - G 1/4 ► filter porosity: 40 µm ► lockable ► 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.	0.5 bar / 8 bar
Medium	Compressed air
Max. particle size	40 µm
Filter element	exchangeable
Filter reservoir volume	28 cm³
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/m³

		Port	Qn	Working pressure min./max.	Condensate drain	Note	Part No.
			[l/min]	[bar]			
		G 3/8	2100	-1.5 / 16	semi-automatic, open without pressure	1); 3)	R412006224
	-	G 1/4	2600	0 / 16	fully automatic, closed without pressure	2)	R412006199

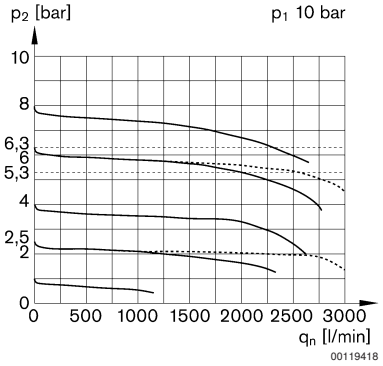
Part No.	Weight
	[kg]
R412006224	0.394
R412006199	0.661

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

Filter pressure regulator, Series AS2-FRE

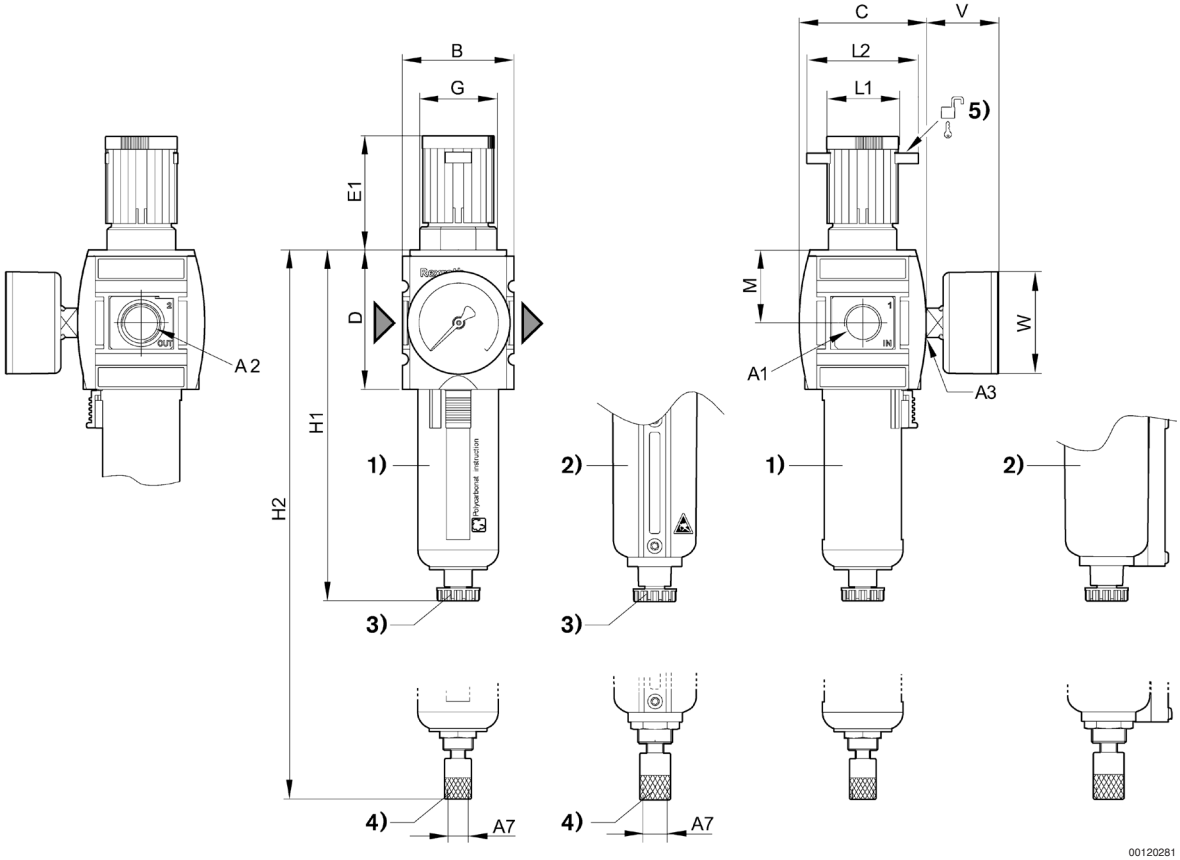
► G 3/8 - G 1/4 ► filter porosity: 40 µm ► lockable ► ATEX certified

Flow rate characteristic



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	L1	L2
G 3/8	G 1/4	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	163.5	180.5	34	54

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

Filter pressure regulator, Series AS2-FRE

► G 3/8 - G 1/4 ► filter porosity: 40 µm ► lockable ► ATEX certified

A1	A2	A3	A7	B	C	D	E1	G	H1	H2	L1	L2
G 1/4	G 3/8	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	163.5	180.5	34	54

A1	M	V	W										
G 3/8	34	37	50										
G 1/4	34	37	50										

Filter, Series AS2-FLS

► G 1/4 - G 3/8 ► 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	28 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

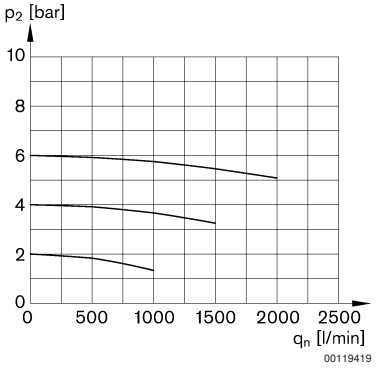
	Port	Qn	Working pressure min./ max.	Condensate drain	Reservoir	Weight	Part No.
		[l/min]				[kg]	
	G 1/4	2100	1.5 / 16	semi-automatic, open without pressure	Polycarbonate	0.212	**R412006003**
	G 1/4		1.5 / 16	fully automatic, open without pressure		0.255	R412006004
	G 1/4		0 / 16	fully automatic, closed without pressure		0.255	R412006005
	G 3/8		1.5 / 16	semi-automatic, open without pressure		0.212	**R412006012**
	G 3/8		1.5 / 16	fully automatic, open without pressure		0.255	R412006013
	G 3/8		0 / 16	fully automatic, closed without pressure		0.255	**R412006014**

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

Filter, Series AS2-FLS

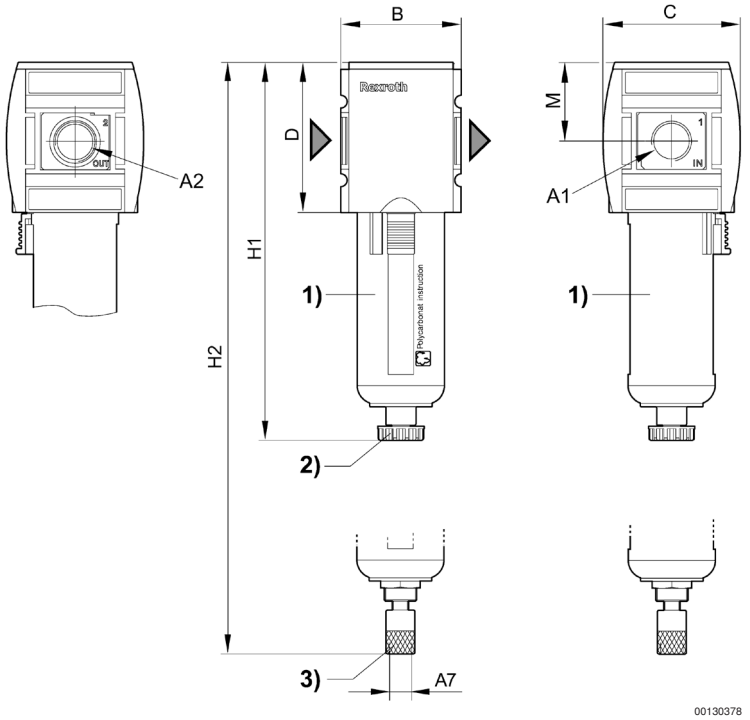
► G 1/4 - G 3/8 ► filter porosity: 40 µm ► ATEX certified

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	H3	M		
R412006003	G 1/4	G 1/4	G 1/8	52	59	65	163.5	180.5	--	34		
R412006004	G 1/4	G 1/4	G 1/8	52	59	65	163.5	180.5	--	34		
R412006005	G 1/4	G 1/4	G 1/8	52	59	65	163.5	180.5	--	34		
R412006012	G 3/8	G 3/8	G 1/8	52	59	65	163.5	180.5	--	34		
R412006013	G 3/8	G 3/8	G 1/8	52	59	65	163.5	180.5	--	34		
R412006014	G 3/8	G 3/8	G 1/8	52	59	65	163.5	180.5	--	34		

Filter, Series AS2-FLS

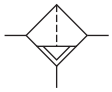
► G 1/4 - G 3/8 ► filter porosity: 5 µm ► ATEX certified

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	28 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

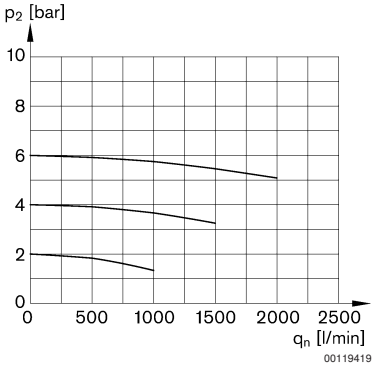
	Port	Qn	Working pressure min./max.	Condensate drain	Reservoir	Protective guard	Weight	Part No.
		[l/min]					[kg]	
	G 1/4	2100	1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.212	**R412006000**
	G 1/4		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.255	**R412006001**
	G 1/4		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.255	**R412006002**
	G 1/4		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.443	R412006006
	G 1/4		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.52	R412006007
	G 1/4		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.53	R412006008
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.212	**R412006009**
	G 3/8		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.255	**R412006010**
	G 3/8		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.255	**R412006011**
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.43	R412006015
	G 3/8		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.52	R412006016
	G 3/8		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.51	R412006017
	G 1/4		0 / 16	-	Polycarbonate	Polyamide	0.212	**R412006090**

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

Filter, Series AS2-FLS

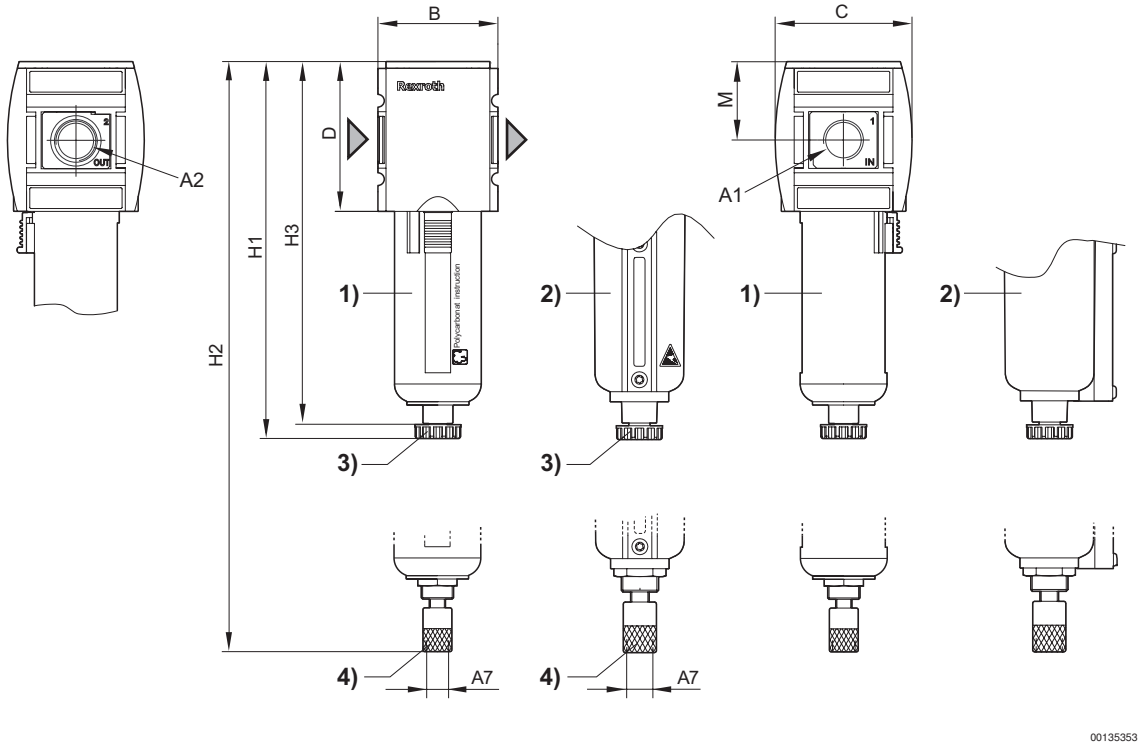
► G 1/4 - G 3/8 ► filter porosity: 5 µm ► ATEX certified

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	M		
R412006000	G 1/4	G 1/4	G 1/8	52	59	65	163.5	–	–	34		
R412006001	G 1/4	G 1/4	G 1/8	52	59	65	–	180.5	–	34		
R412006002	G 1/4	G 1/4	G 1/8	52	59	65	–	180.5	–	34		
R412006006	G 1/4	G 1/4	G 1/8	52	59	65	163.5	–	–	34		

Filter, Series AS2-FLS

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► ATEX certified

Part No.	A1	A2	A7	B	C	D	H1	H2	H3	M		
R412006007	G 1/4	G 1/4	G 1/8	52	59	65	–	180.5	–	34		
R412006008	G 1/4	G 1/4	G 1/8	52	59	65	–	180.5	–	34		
R412006009	G 3/8	G 3/8	G 1/8	52	59	65	163.5	–	–	34		
R412006010	G 3/8	G 3/8	G 1/8	52	59	65	–	180.5	–	34		
R412006011	G 3/8	G 3/8	G 1/8	52	59	65	–	180.5	–	34		
R412006015	G 3/8	G 3/8	G 1/8	52	59	65	163.5	–	–	34		
R412006016	G 3/8	G 3/8	G 1/8	52	59	65	–	180.5	–	34		
R412006017	G 3/8	G 3/8	G 1/8	52	59	65	–	180.5	–	34		
R412006090	G 1/4	G 1/4	G 1/8	52	59	65	–	–	157	34		

Filter, Series AS2-FLS

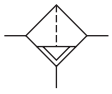
► G 1/4 ► filter porosity: 25 µm ► ATEX certified

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
Medium	Compressed air
Filter element	exchangeable
filter porosity	25 μm
Filter reservoir volume	28 cm³
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Reservoir	Die cast zinc
Filter insert	Polyethylene

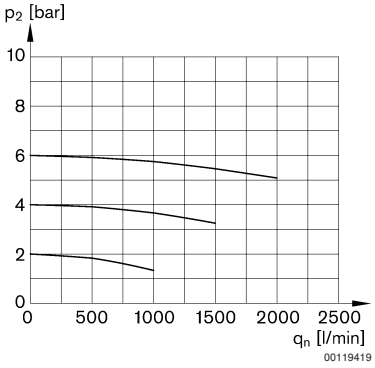
Technical Remarks

- 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.	Condensate drain	Reservoir	Weight	Part No.
		[l/min]				[kg]	
	G 1/4	2100	1.5 / 16	semi-automatic, open without pressure	Die cast zinc	0.443	R412006091

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

Flow rate characteristic



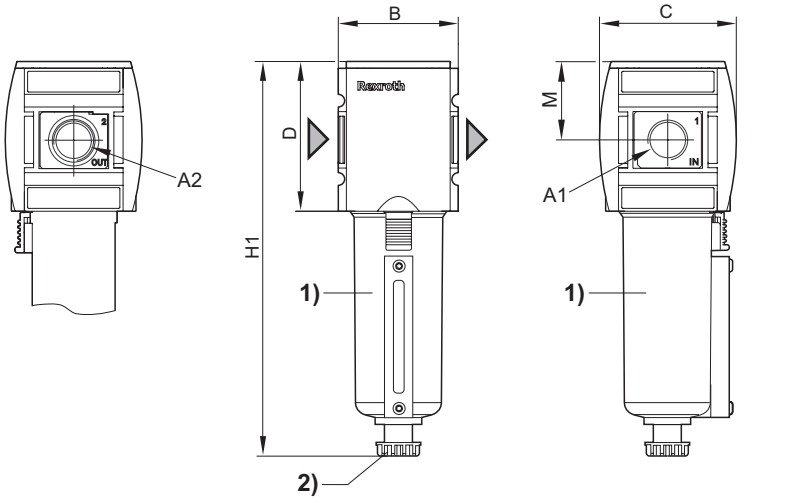
00119419

p2 = secondary pressure qn = nominal flow

Filter, Series AS2-FLS

► G 1/4 ► filter porosity: 25 µm ► ATEX certified

Dimensions



1) Metal reservoir with level indicator
2) Semi-automatic condensate drain
A1 = input
A2 = output

Part No.	A1	A2	B	C	D	H1	M					
R412006091	G 1/4	G 1/4	52	59	65	163.5	34					

Pre-filter, Series AS2-FLP

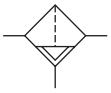
► G 1/4 - G 3/8 ► filter porosity: 0.3 µm ► ATEX certified

00127783

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	12 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 1/4	400	1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.22	**R412006018**
	G 1/4		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.263	**R412006019**
	G 1/4		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.263	**R412006020**
	G 1/4		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.484	**R412006024**
	G 1/4		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.53	R412006025
	G 1/4		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.53	R412006026
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.263	**R412006027**
	G 3/8		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.263	**R412006028**
	G 3/8		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.263	**R412006029**
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.47	R412006033
	G 3/8		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.525	R412006034
	G 3/8		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.525	R412006035

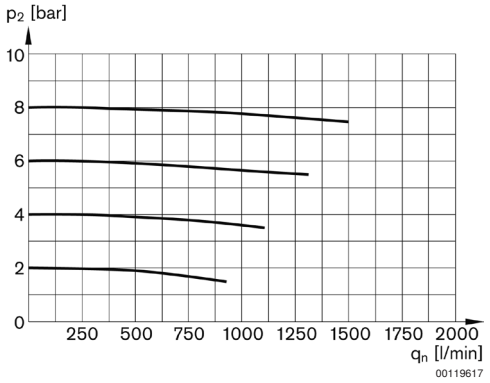
Nominal flow Qn at 6.3 bar and Δp = 0.1 bar.

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

Pre-filter, Series AS2-FLP

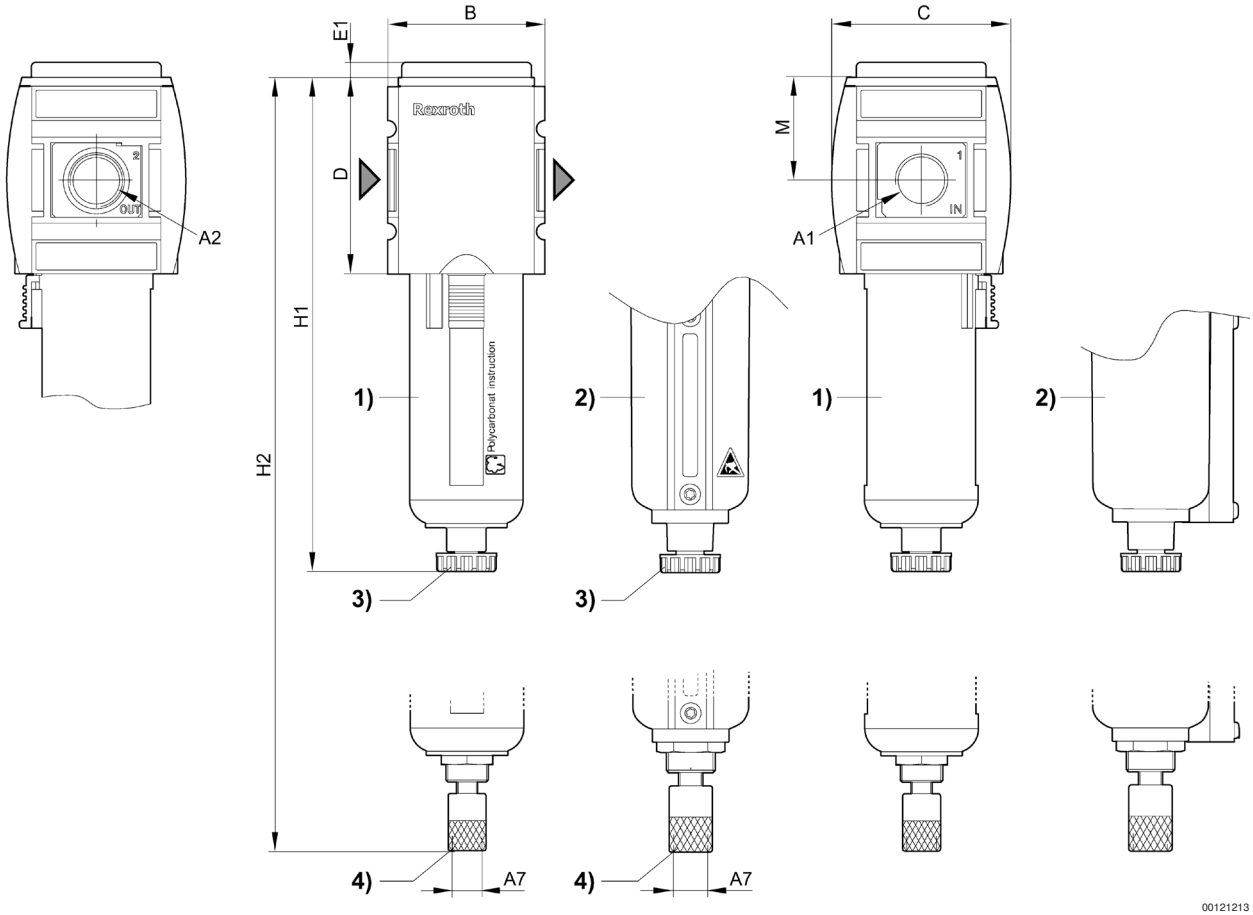
► G 1/4 - G 3/8 ► filter porosity: 0.3 µm ► ATEX certified

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 AS2-FLP

► G 1/4 - G 3/8 ► filter porosity: 0.3 µm ► ATEX certified

Part No.	A1	A2	A7	B	C	D	E1	H1	H2	M		
R412006018	G 1/4	G 1/4	G 1/8	52	59	65	5	163.5	180.5	34		
R412006019	G 1/4	G 1/4	G 1/8	52	59	65	5	163.5	180.5	34		
R412006020	G 1/4	G 1/4	G 1/8	52	59	65	5	163.5	180.5	34		
R412006024	G 1/4	G 1/4	G 1/8	52	59	65	5	163.5	180.5	34		
R412006025	G 1/4	G 1/4	G 1/8	52	59	65	5	163.5	180.5	34		
R412006026	G 1/4	G 1/4	G 1/8	52	59	65	5	163.5	180.5	34		
R412006027	G 3/8	G 3/8	G 1/8	52	59	65	5	163.5	180.5	34		
R412006028	G 3/8	G 3/8	G 1/8	52	59	65	5	163.5	180.5	34		
R412006029	G 3/8	G 3/8	G 1/8	52	59	65	5	163.5	180.5	34		
R412006033	G 3/8	G 3/8	G 1/8	52	59	65	5	163.5	180.5	34		
R412006034	G 3/8	G 3/8	G 1/8	52	59	65	5	163.5	180.5	34		
R412006035	G 3/8	G 3/8	G 1/8	52	59	65	5	163.5	180.5	34		

Microfilter, Series AS2-FLC

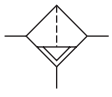
► G 1/4 - G 3/8 ► filter porosity: 0.01 µm ► ATEX certified

00127783

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	12 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 1/4	300	1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.22	**R412006036**
	G 1/4		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.263	**R412006037**
	G 1/4		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.263	**R412006038**
	G 1/4		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.482	R412006042
	G 1/4		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.565	R412006043
	G 1/4		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.56	R412006044
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.22	**R412006045**
	G 3/8		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.263	**R412006046**
	G 3/8		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.263	**R412006047**
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.471	R412006051
	G 3/8		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.545	R412006052
	G 3/8		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.55	R412006053

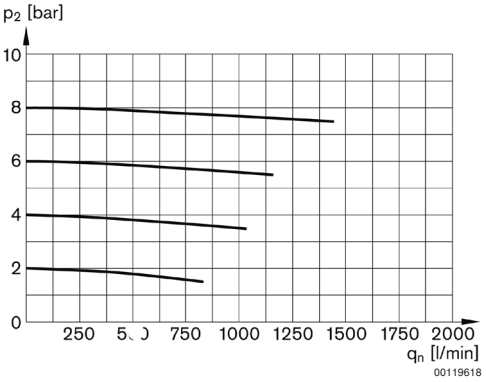
Nominal flow Qn at 6.3 bar and Δp = 0.1 bar.

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

Microfilter, Series AS2-FLC

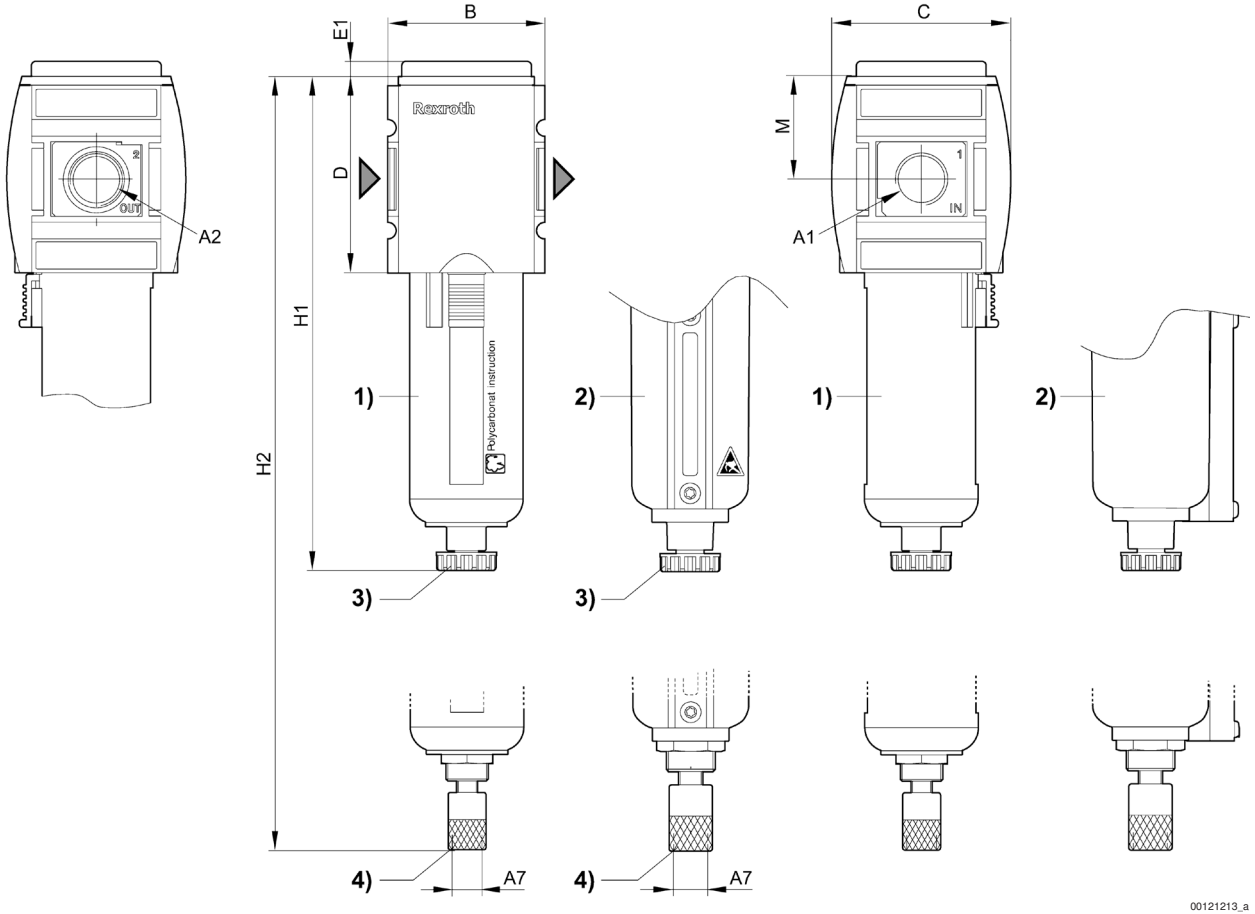
► G 1/4 - G 3/8 ► filter porosity: 0.01 µm ► ATEX certified

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 AS2-FLC

► G 1/4 - G 3/8 ► filter porosity: 0.01 µm ► ATEX certified

Part No.	A1	A2	A7	B	C	D	E1	H1	H2	M		
R412006036	G 1/4	G 1/4	G 1/8	52	59	65	5	163.5	180.5	34		
R412006037	G 1/4	G 1/4	G 1/8	52	59	65	5	163.5	180.5	34		
R412006038	G 1/4	G 1/4	G 1/8	52	59	65	5	163.5	180.5	34		
R412006042	G 1/4	G 1/4	G 1/8	52	59	65	5	163.5	180.5	34		
R412006043	G 1/4	G 1/4	G 1/8	52	59	65	5	163.5	180.5	34		
R412006044	G 1/4	G 1/4	G 1/8	52	59	65	5	163.5	180.5	34		
R412006045	G 3/8	G 3/8	G 1/8	52	59	65	5	163.5	180.5	34		
R412006046	G 3/8	G 3/8	G 1/8	52	59	65	5	163.5	180.5	34		
R412006047	G 3/8	G 3/8	G 1/8	52	59	65	5	163.5	180.5	34		
R412006051	G 3/8	G 3/8	G 1/8	52	59	65	5	163.5	180.5	34		
R412006052	G 3/8	G 3/8	G 1/8	52	59	65	5	163.5	180.5	34		
R412006053	G 3/8	G 3/8	G 1/8	52	59	65	5	163.5	180.5	34		

Microfilter, Series AS2-FLC

► G 1/4 - G 3/8 ► 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	12 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 1/4	300	1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.22	**R412006054**
	G 1/4		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.263	R412006055
	G 1/4		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.263	**R412006056**
	G 1/4		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.485	R412006060
	G 1/4		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.564	**R412006061**
	G 1/4		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.569	R412006062
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.22	R412006063
	G 3/8		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.263	**R412006064**
	G 3/8		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.263	R412006065
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.474	R412006069
	G 3/8		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.554	R412006070
	G 3/8		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.559	R412006071

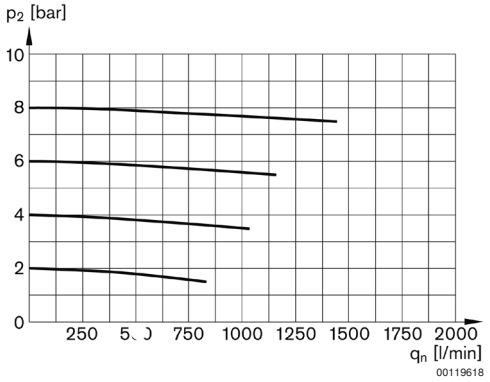
Nominal flow Qn at 6.3 bar and Δp = 0.1 bar.

Preparation of compressed air → Maintenance units and components

Microfilter, Series AS2-FLC

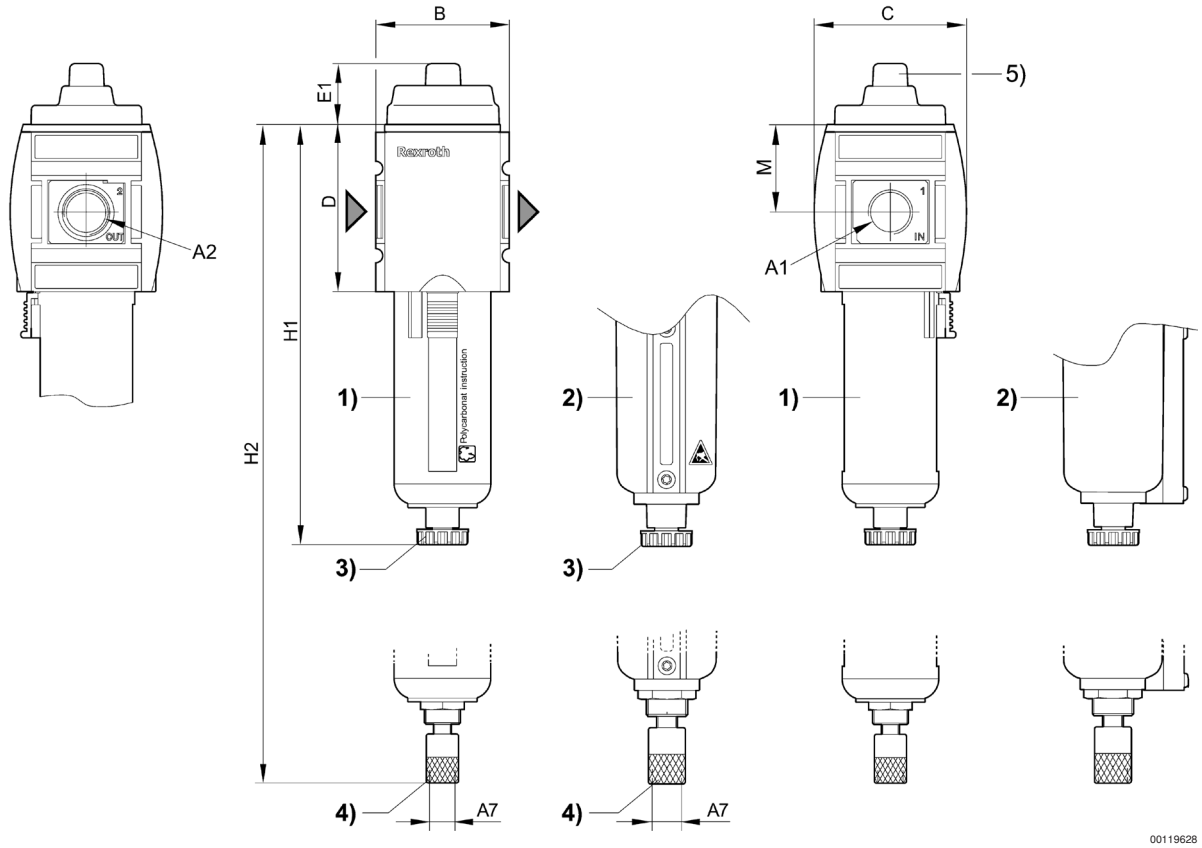
► G 1/4 - G 3/8 ► filter porosity: 0.01 µm ► contamination display: integrated ► ATEX certified

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

Part No.	A1	A2	A7	B	C	D	E1	H1	H2	M		
R412006054	G 1/4	G 1/4	G 1/8	52	59	65	24	163.5	180.5	34		

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

Microfilter, Series AS2-FLC

► G 1/4 - G 3/8 ► filter porosity: 0.01 µm ► contamination display: integrated ► ATEX certified

Part No.	A1	A2	A7	B	C	D	E1	H1	H2	M		
R412006055	G 1/4	G 1/4	G 1/8	52	59	65	24	163.5	180.5	34		
R412006056	G 1/4	G 1/4	G 1/8	52	59	65	24	163.5	180.5	34		
R412006060	G 1/4	G 1/4	G 1/8	52	59	65	24	163.5	180.5	34		
R412006061	G 1/4	G 1/4	G 1/8	52	59	65	24	163.5	180.5	34		
R412006062	G 1/4	G 1/4	G 1/8	52	59	65	24	163.5	180.5	34		
R412006063	G 3/8	G 3/8	G 1/8	52	59	65	24	163.5	180.5	34		
R412006064	G 3/8	G 3/8	G 1/8	52	59	65	24	163.5	180.5	34		
R412006065	G 3/8	G 3/8	G 1/8	52	59	65	24	163.5	180.5	34		
R412006069	G 3/8	G 3/8	G 1/8	52	59	65	24	163.5	180.5	34		
R412006070	G 3/8	G 3/8	G 1/8	52	59	65	24	163.5	180.5	34		
R412006071	G 3/8	G 3/8	G 1/8	52	59	65	24	163.5	180.5	34		

Preparation of compressed air → Maintenance units and components

Active carbon filter, Series AS2-FLA

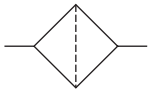
► G 1/4 - G 3/8 ► ATEX certified

00127783

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	12 cm³
Materials:	
Housing	Polyamide
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Filter insert	Active carbon

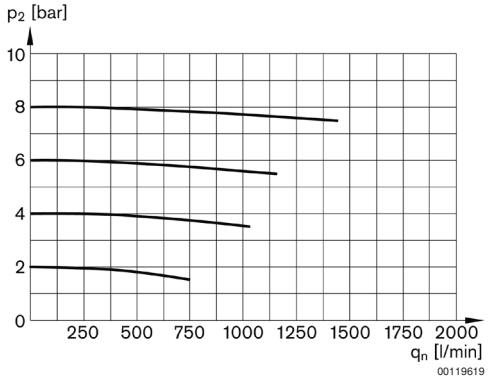
Technical Remarks

- 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 1/4	650	without	Polycarbonate	Polyamide	0.22	**R412006072**
	G 1/4			Die cast zinc with window	-	0.454	**R412006074**
	G 3/8			Polycarbonate	Polyamide	0.22	**R412006075**
	G 3/8			Die cast zinc with window	-	0.44	**R412006077**

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

Flow rate characteristic



00119619

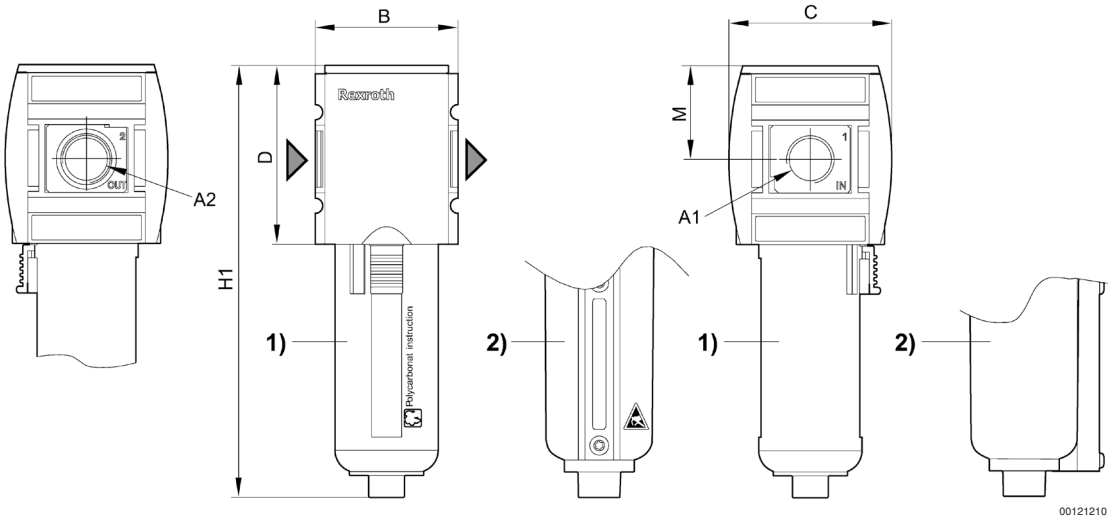
p2 = secondary pressure qn = nominal flow

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

Active carbon filter, Series AS2-FLA

► G 1/4 - G 3/8 ► 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	M					
R412006072	G 1/4	G 1/4	52	59	65	157	34					
R412006074	G 1/4	G 1/4	52	59	65	157	34					
R412006075	G 3/8	G 3/8	52	59	65	157	34					
R412006077	G 3/8	G 3/8	52	59	65	157	34					

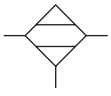
Diaphragm-type dryer, Series AS2-ADD

► G 3/8

00134252

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

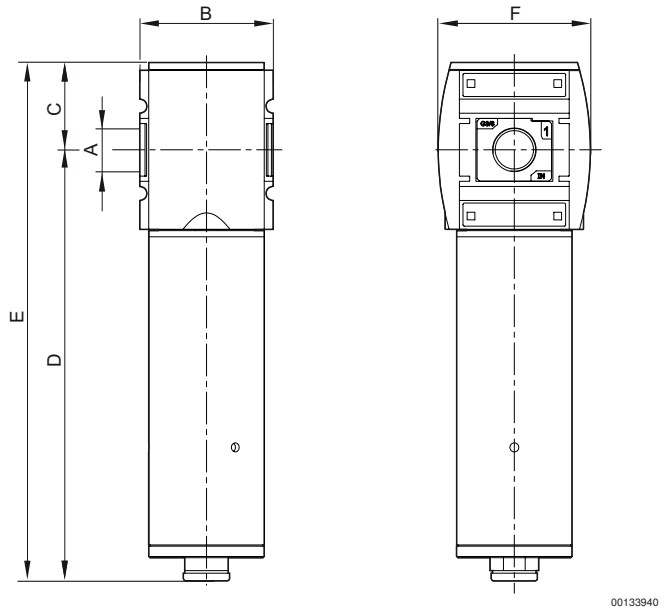
	Port	Qn [l/min]	Reservoir	Note	Weight [kg]	Part No.
	G 3/8	50	Aluminum	-	0.48	**R412006078**
		100		-	0.57	**R412006079**
		150		-	0.69	**R412006080**
		200		-	0.7	R412006081
		300		1)	1.43	R412006082
		400		1)	1.73	R412006083

1) incl. distributor

Diaphragm-type dryer, Series AS2-ADD

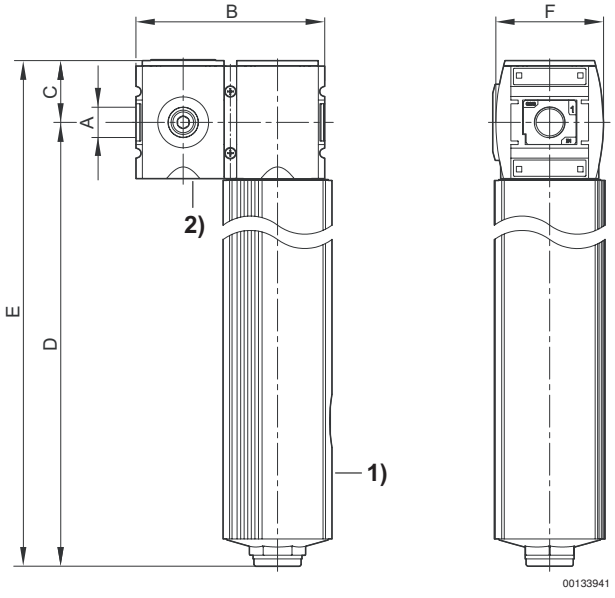
► G 3/8

Dimensions



Part No.	A	B	C	D	E	F						
R412006078	G 3/8	52	34	317.9	351.9	59						
R412006079	G 3/8	52	34	257.9	291.9	59						
R412006080	G 3/8	52	34	217.9	251.9	59						
R412006081	G 3/8	52	34	167.9	201.9	59						

Dimensions



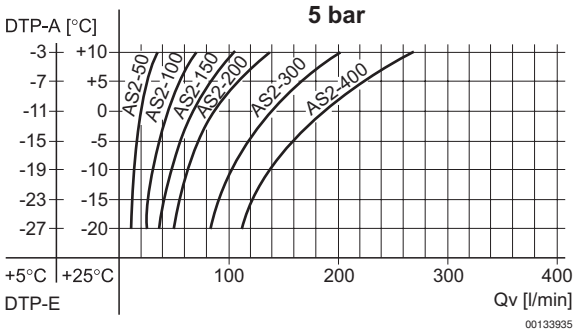
1) Diaphragm-type dryer
2) Distributor

Diaphragm-type dryer, Series AS2-ADD

► G 3/8

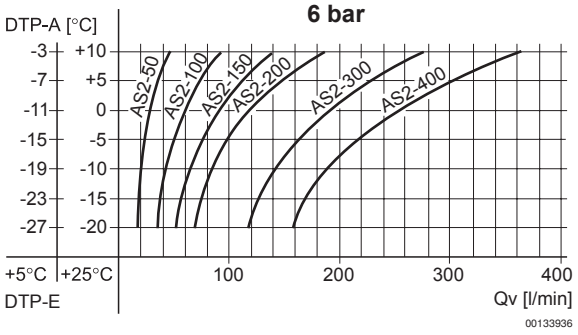
Part No.	A	B	C	D	E	F						
R412006082	G 3/8	104	34	412	446	59						
R412006083	G 3/8	104	34	472	506	59						

performance charts



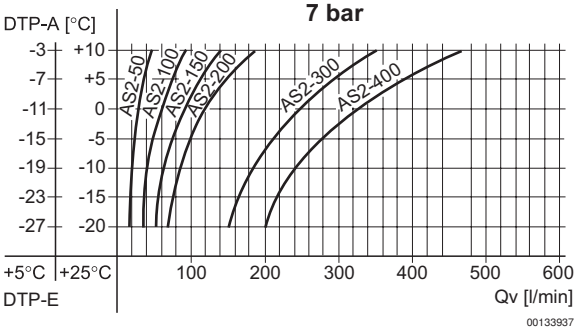
DTP-E: pressure dew point input
DTP-A: pressure dew point output
Qv: input flow rate (nominal flow rate Qn + purge air)

performance charts



DTP-E: pressure dew point input
DTP-A: pressure dew point output
Qv: input flow rate (nominal flow rate Qn + purge air)

performance charts

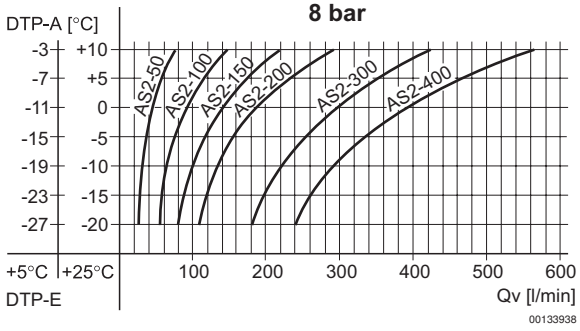


DTP-E: pressure dew point input
DTP-A: pressure dew point output
Qv: input flow rate (nominal flow rate Qn + purge air)

Diaphragm-type dryer, Series AS2-ADD

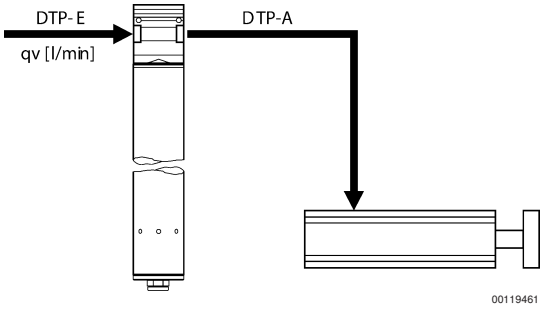
► G 3/8

performance charts

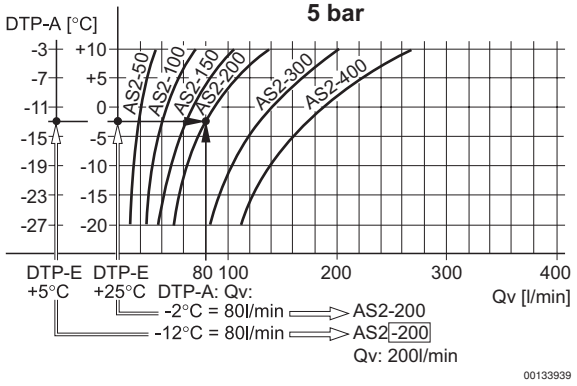


DTP-E: pressure dew point input
DTP-A: pressure dew point output
Qv: input flow rate (nominal flow rate Qn + purge air)

example
wanted:suitable membrane dryer



example
given:Qn = 80 l/min, DTP-E = +5[+25]°C, DTP-A = -2[-12]°C



Result: membrane dryer series AS2-200 (with a Qn of 200 l/min),
part no. R412006081

Standard oil-mist lubricator, Series AS2-LBS

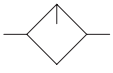
► G 1/4 - G 3/8 ► ATEX certified

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	40 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

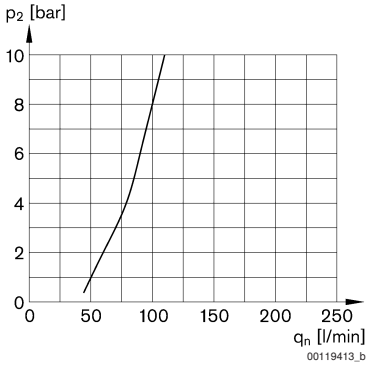
Technical Remarks

- 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 1/4	2800	Polycarbonate	Polyamide	-	0.229	**R412006225**
	G 1/4	2800	Polycarbonate	Polyamide	1)		**R412006226**
	G 1/4	2800	Die cast zinc with window	-	-		R412006229
	G 3/8	3100	Polycarbonate	Polyamide	-		**R412006231**
	G 3/8	3100	Polycarbonate	Polyamide	1)		**R412006232**
	G 3/8	3100	Die cast zinc with window	-	-		**R412006235**

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

Lubricator activation margin

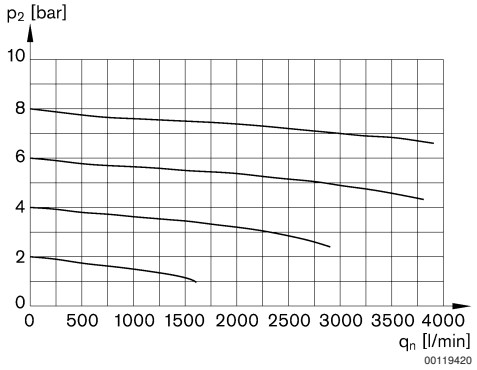


p2 = secondary pressure qn = nominal flow

Standard oil-mist lubricator, Series AS2-LBS

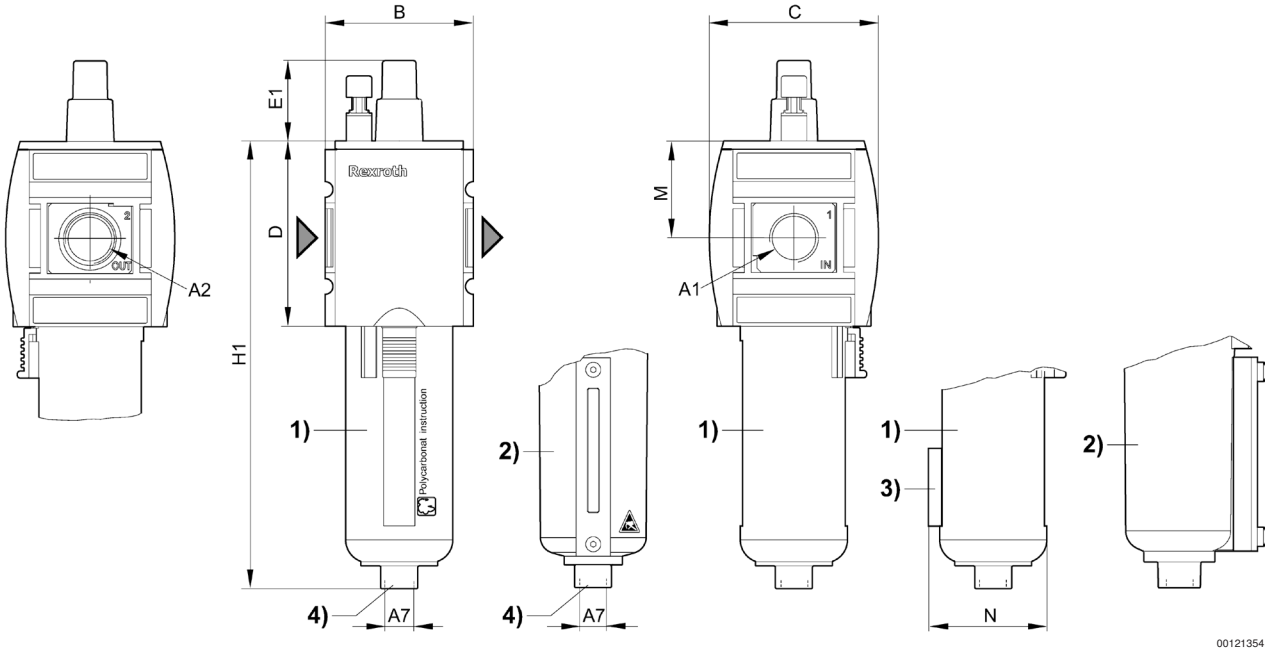
► G 1/4 - G 3/8 ► ATEX certified

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) Holder for sensor
4) Port for semi-automatic oil filling

A1	A2	A7	B	C	D	E1	H1	M	N				
G 1/4	G 1/4	G 1/8	52	59	65	29.5	157	34	42.5				
G 3/8	G 3/8	G 1/8	52	59	65	29.5	157	34	42.5				

Preparation of compressed air → Maintenance units and components

Filling unit, electrically operated, Series AS2-SSU

► G 1/4 - G 3/8 ► pipe connection ► Electr. connection: Plug, ISO 15217, form C ► ATEX optional

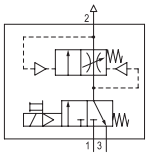
00119381

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.

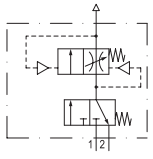
Operating voltage			Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz
			W	VA	VA	VA	VA
24 V	-	-	2	-	-	-	-
-	110 V	110 V	-	2.2	1.6	1.6	1.4
-	220 V	230 V	-	2.2	1.6	1.6	1.4

		Port	Exhaust	Operating voltage			Qn		Weight	Note	Part No.
				DC	AC 50 Hz	AC 60 Hz	1►2	2►3			
								[l/min]	[kg]		
		G 1/4		24 V	-	-				1); 4); 5)	R412006278
		G 1/4		-	110 V	110 V				1); 4); 5)	R412006279
		G 1/4		-	220 V	230 V				1); 4); 5)	R412006280
		G 1/4	G 1/4	24 V	-	-	2000	380	0.424	2); 3); 4); 5)	R412006288
		G 3/8		24 V	-	-				1); 4); 5)	R412006283
		G 3/8		-	110 V	110 V				1); 4); 5)	R412006284
		G 3/8		-	220 V	230 V				1); 4); 5)	R412006285

1) with electrical connector as per ISO 15217 (form C)
2) Port M12x1
3) With adjustment screw lock
4) IP65
5) Basic valve with pilot valve
6) Basic valve without pilot valve
7) Basic valve without pilot valve, with CNOMO subbase
8) ATEX optional
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

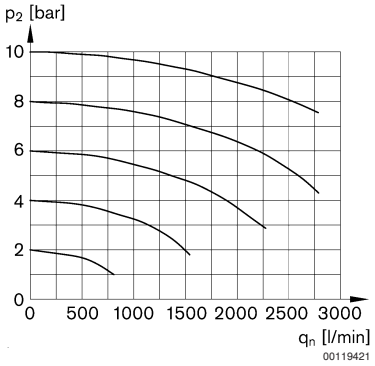
Filling unit, electrically operated, Series AS2-SSU

► G 1/4 - G 3/8 ► pipe connection ► Electr. connection: Plug, ISO 15217, form C ► ATEX optional

		Port	Exhaust	Operating voltage			Qn		Weight	Note	Part No.
				DC	AC 50 Hz	AC 60 Hz	1►2	2►3			
								[l/min]	[kg]		
	-	G 1/4	G 1/4	-	-	-	2000	380	0.424	6); 8)	R412006277
		G 1/4								7); 8)	R412006286
		G 3/8								6); 8)	R412006282
		G 3/8								7); 8)	R412006287

1) with electrical connector as per ISO 15217 (form C)
2) Port M12x1
3) With adjustment screw lock
4) IP65
5) Basic valve with pilot valve
6) Basic valve without pilot valve
7) Basic valve without pilot valve, with CNOMO subbase
8) ATEX optional
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Flow rate characteristic

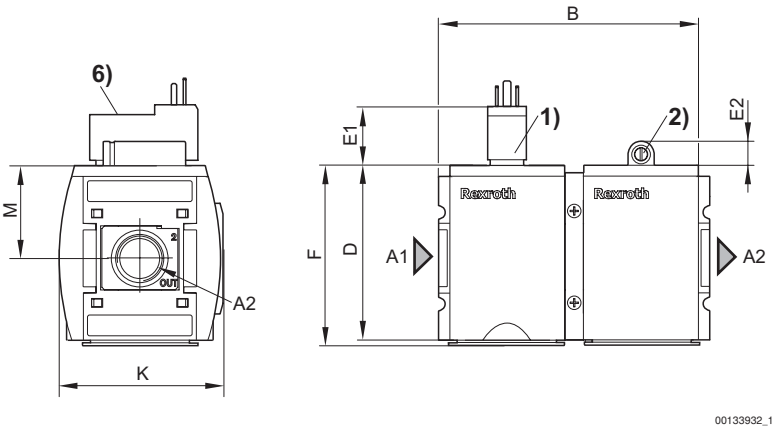


p2 = secondary pressure qn = nominal flow

Filling unit, electrically operated, Series AS2-SSU

► G 1/4 - G 3/8 ► pipe connection ► Electr. connection: Plug, ISO 15217, form C ► ATEX optional

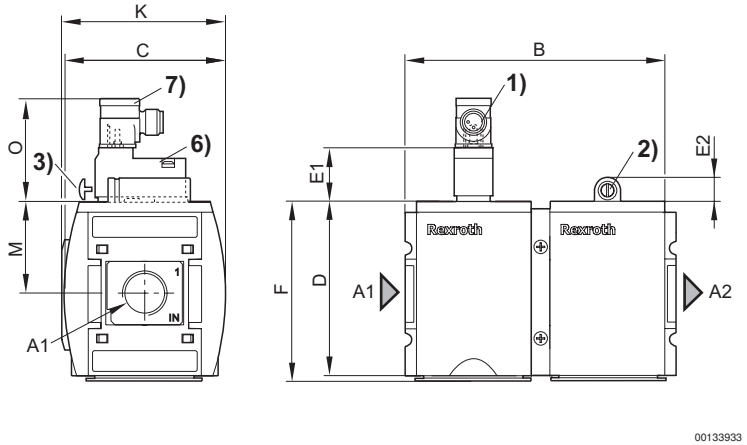
With pilot valve series DO16



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

A1	A2	A3	B	D	E1	E2	F	K	M				
G 1/4	G 1/4	G 1/4	104	65	22	11	67	60.9	34				
G 3/8	G 3/8	G 1/4	104	65	22	11	67	60.9	34				

Electr. connection: M12x1 electrical connector



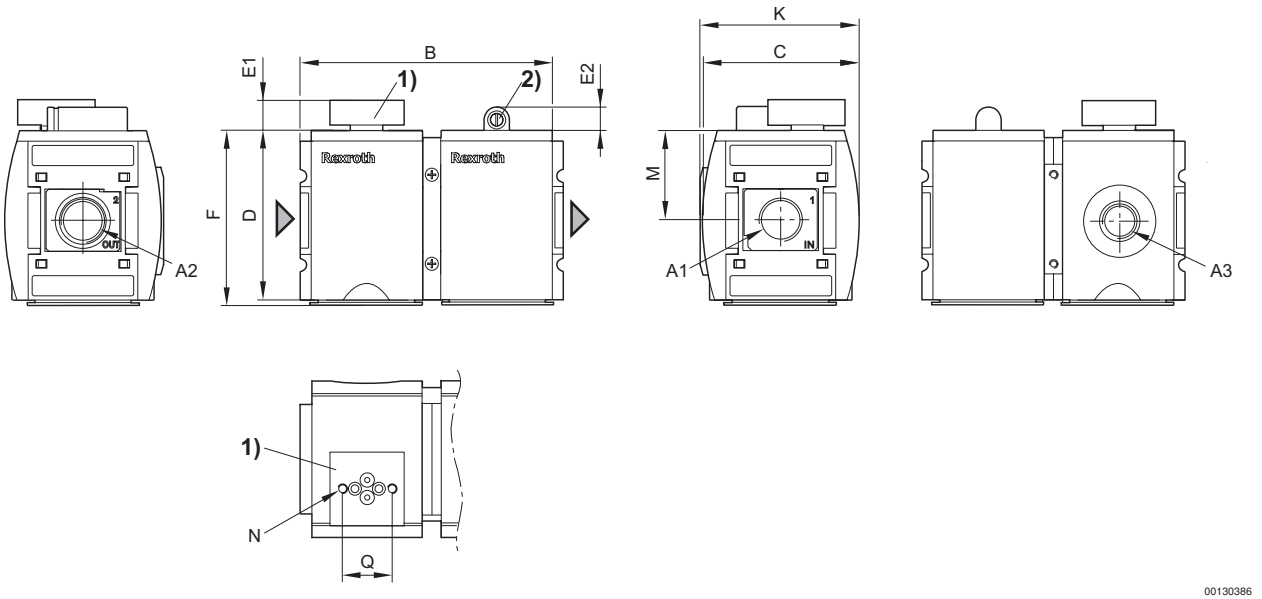
A1 = input
A2 = output
1) electrical connector form C, ISO 15217
2) Adjustment screw for filling time
3) Adjustment screw lock
6) Manual override
7) Port M12x1

Filling unit, electrically operated, Series AS2-SSU

► G 1/4 - G 3/8 ► pipe connection ► Electr. connection: Plug, ISO 15217, form C ► ATEX optional

A1	A2	A3	B	C	D	E1	E2	F	K	M			
G 1/4	G 1/4	G 1/4	104	59	65	22	11	67	60.9	34			

With transition plate for pilot valve series DO30



A3 = ventilation port
A1 = input
A2 = output
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		
G 1/4	G 1/4	G 1/4	104	59	65	11	11	67	60.9	34	M4		
G 3/8	G 3/8	G 1/4	104	59	65	11	11	67	60.5	34	M4		

Preparation of compressed air → Maintenance units and components

Filling unit, electrically operated, with electrical priority circuit, Series AS2-SSU

► G 1/4 ► 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
Protection class according to EN 60529:, with Plug	IP 65
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

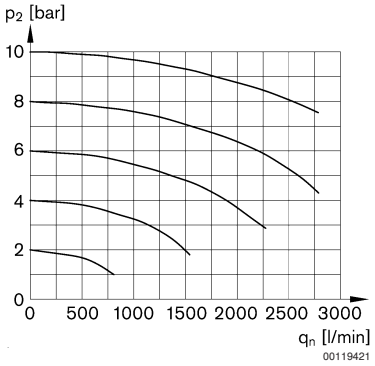
		Port	Exhaust	Operating voltage	Qn			Weight	Note	Part No.
				DC		1►2	2►3			
							[l/min]	[kg]		
		G 1/4	G 1/4	24 V	2000	2000	380	0.424	1)	R412006292

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

Filling unit, electrically operated, with electrical priority circuit, Series AS2-SSU

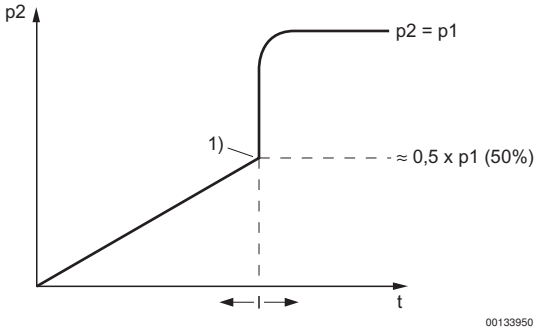
► G 1/4 ► Electr. connection: Plug, M12x1

Flow rate characteristic



p2 = secondary pressure qn = nominal flow

Start function

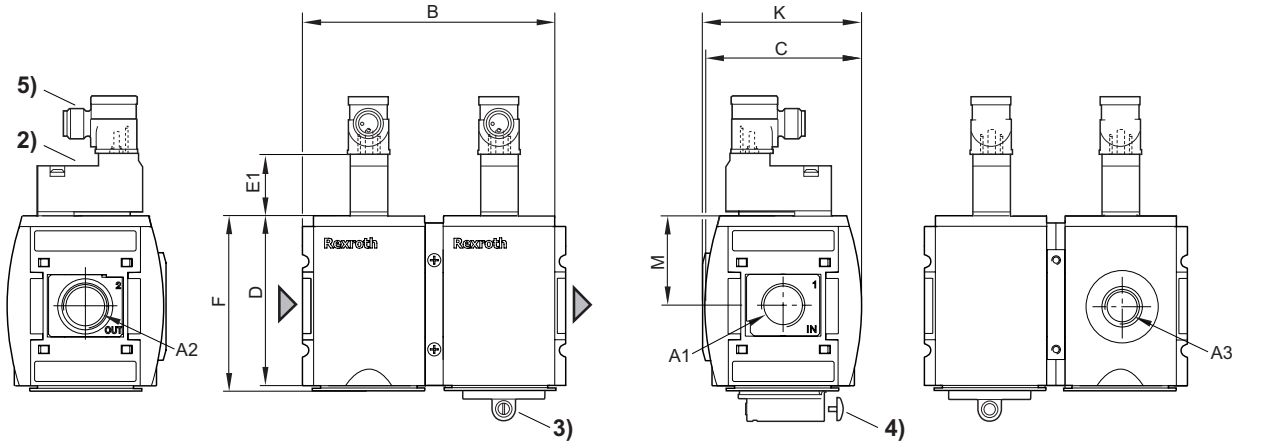


p2 = output pressure
t = adjustable filling time
1) Switching point

Filling unit, electrically operated, with electrical priority circuit, Series AS2-SSU

► G 1/4 ► Electr. connection: Plug, M12x1

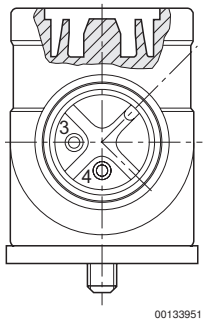
With pilot valve series DO16



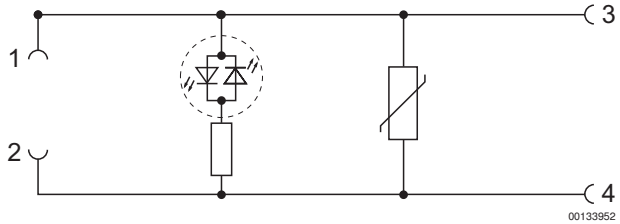
A1 = input
A2 = output
A3 = ventilation port
2) manual override
3) Adjustment screw for filling time
4) Adjustment screw lock
5) For electrical connector M12x1

A1	A2	A3	B	C	D	E1	F	K	M				
G 1/4	G 1/4	G 1/4	104	59	65	22	67	60.9	34				

Pin assignment M12x1



circuit diagram



Filling unit, pneumatically operated, Series AS2-SSU

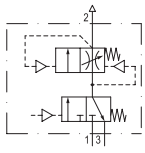
► G 3/8 - G 1/4 ► pipe connection ► G 1 1/4 ► ATEX certified

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

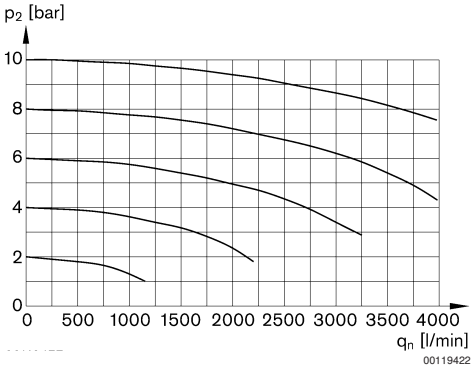
Technical Remarks

- 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							-	R412006281
	G 1/4							-	R412006276
		G 1/4	2000	2000	380	2.5 / 16	0.424		
	G 1/4							1)	R412006289

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

Flow rate characteristic



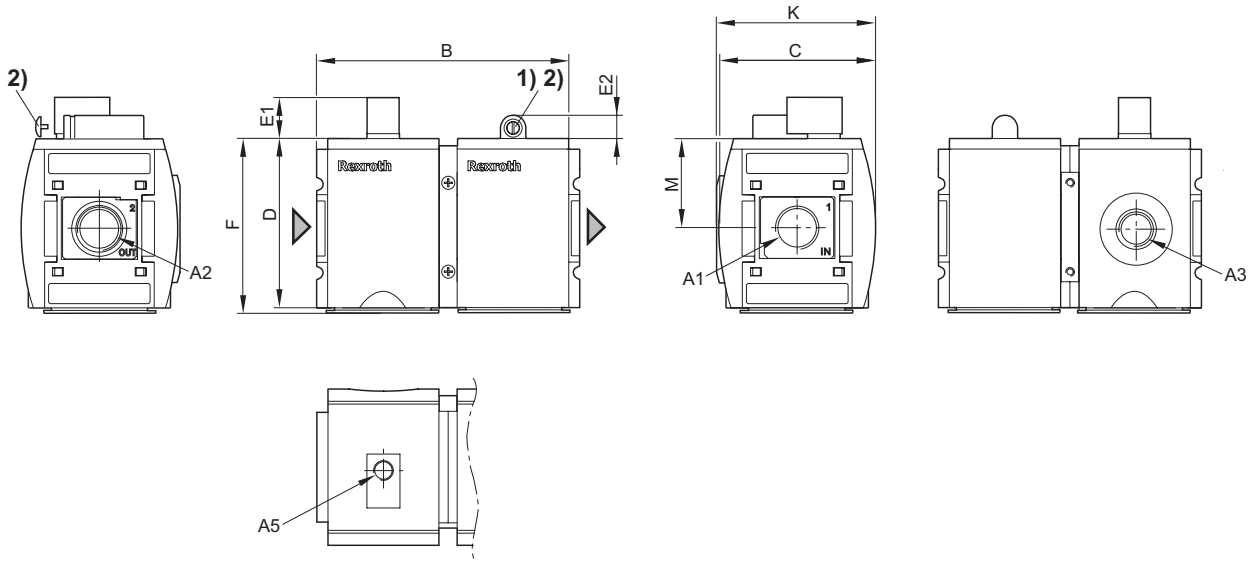
00119422

p2 = secondary pressure qn = nominal flow

Filling unit, pneumatically operated, Series AS2-SSU

► G 3/8 - G 1/4 ► pipe connection ► G 1 1/4 ► ATEX certified

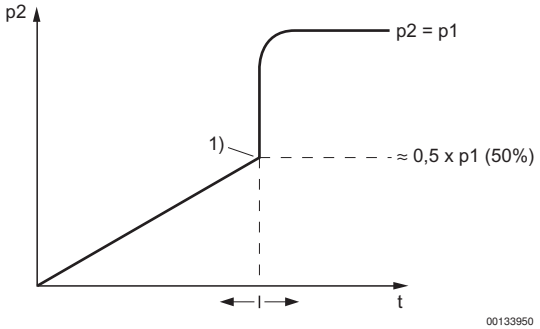
Dimensions



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

Part No.	A1	A2	A3	A5	B	C	D	E1	E2	F	K	M
R412006281	G 3/8	G 3/8	G 1/4	G 1/8	104	59	65	17	11	67	60.9	34
R412006276	G 1/4	G 1/4	G 1/4	G 1/8	104	59	65	17	11	67	60.9	34
R412006289	G 1/4	G 1/4	G 1/4	G 1/8	104	59	65	17	11	67	60.9	34

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 AS2-SSU

► G 1/4 ► pipe connection ► adjustable filling time

00134310

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

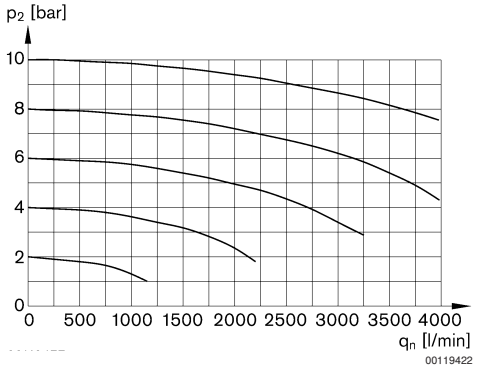
Technical Remarks

- 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 1/4	G 1/4	2000	2000	380	2.5 / 16	0.424	1)	R412006290

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

Flow rate characteristic



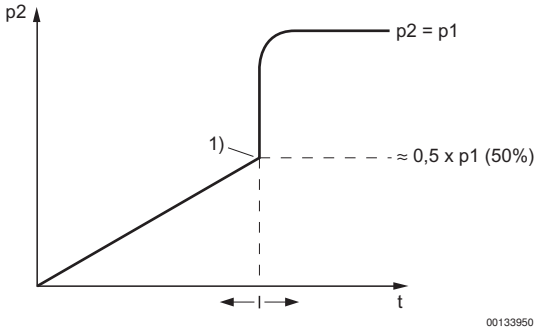
00119422

p2 = secondary pressure qn = nominal flow

Filling unit, pneumatically operated, with electrical priority circuit, Series AS2-SSU

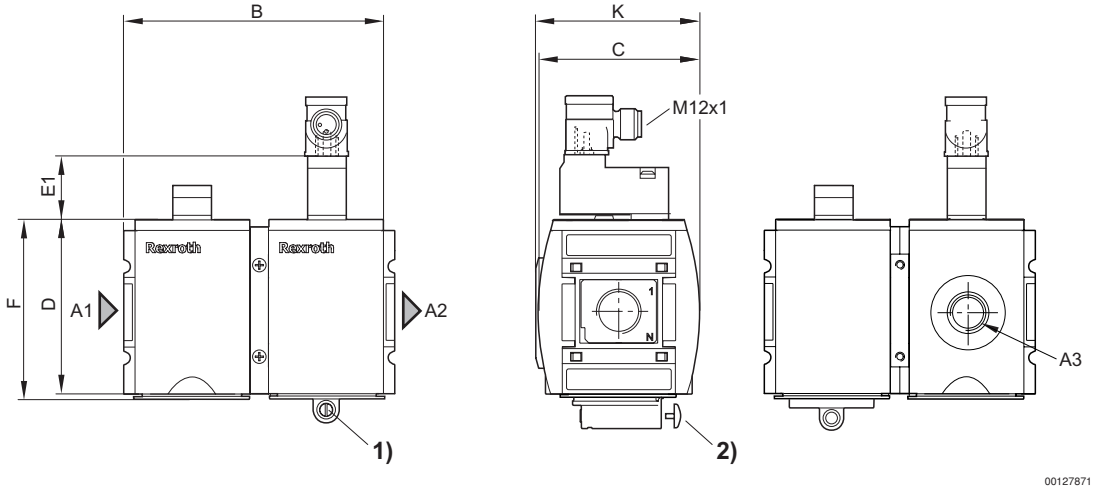
► G 1/4 ► pipe connection ► adjustable filling time

Start function



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

Dimensions



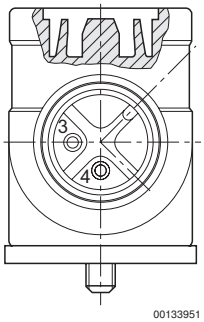
1) Adjustment screw for filling time
2) Adjustment screw lock
A1 = input
A2 = output

Part No.	A1	A2	A3	B	C	D	E1	F	K	M		
R412006290	G 1/4	G 1/4	G 1/4	104	59	65	17	67	60.9	34		

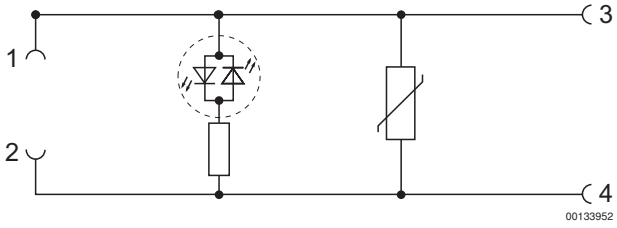
Filling unit, pneumatically operated, with electrical priority circuit, Series AS2-SSU

► G 1/4 ► pipe connection ► adjustable filling time

Pin assignment M12x1



circuit diagram



3/2-way valve, electrically operated, Series AS2-SOV

► G 1/4 - G 3/8 ► pipe connection

00133928

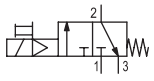
Version	Poppet valve, Can be assembled into blocks
Sealing principle	soft sealing
Working pressure min./max.	2.5 bar / 10 bar
Ambient temperature min./max.	-10°C / +50°C
Medium temperature min./max.	-10°C / +50°C
Medium	Compressed air
Max. particle size	5 μm
Protection class according to EN 60529:, with Plug	See table below

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.
- A short silencer is required for wall mounting (see accessories e.g. R412004817).

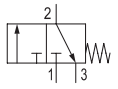
Operating voltage			Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz
			W	VA	VA	VA	VA
24 V	-	-	2	-	-	-	-
24 V	-	-	-	-	-	-	-
-	110 V	110 V	-	2.2	1.6	1.6	1.4
-	220 V	230 V	-	2.2	1.6	1.6	1.4

		Port	Exhaust	Operating voltage			Qn		Weight	Note	Part No.
				DC	AC 50 Hz	AC 60 Hz	1►2	2►3			
								[l/min]	[kg]		
		G 1/4		24 V	-	-				1); 4)	R412006265
		G 1/4		24 V	-	-				1); 4); 5)	R412006291
		G 1/4		-	110 V	110 V				1); 4)	R412006266
		G 1/4	G 1/4	-	220 V	230 V	2000	380	0.219	1); 4)	R412006267
		G 3/8		24 V	-	-				1); 4)	R412006269
		G 3/8		-	110 V	110 V				1); 4)	R412006270
		G 3/8		-	220 V	230 V				1); 4)	R412006271

1) Basic valve with pilot valve
2) Basic valve without pilot valve
3) Basic valve without pilot valve, with CNOMO subbase
4) Protection class according to EN 60529: IP 65
5) Electr. connection: Plug; M12x1
6) ATEX optional
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

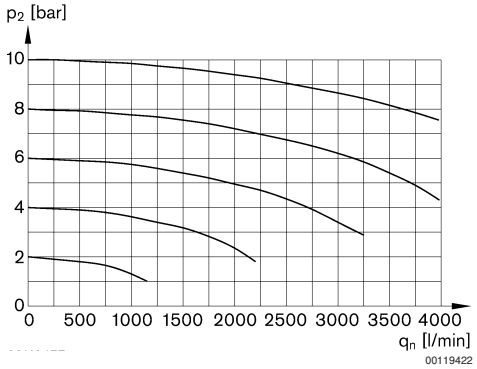
3/2-way valve, electrically operated, Series AS2-SOV

► G 1/4 - G 3/8 ► pipe connection

		Port	Exhaust	Operating voltage			Qn		Weight	Note	Part No.
				DC	AC 50 Hz	AC 60 Hz	1►2	2►3			
								[l/min]	[kg]		
	-	G 1/4	G 1/4	-	-	-	2000	380	0.219	2); 6)	R412006264
		G 1/4								3); 6)	R412006258
		G 3/8								2); 6)	R412006268
		G 3/8								3); 6)	R412006259

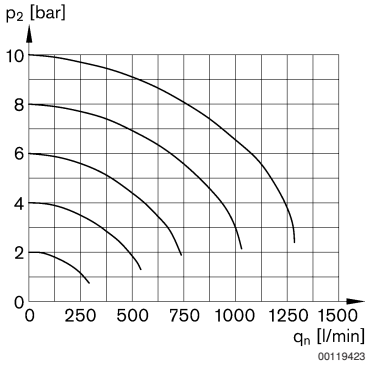
1) Basic valve with pilot valve
2) Basic valve without pilot valve
3) Basic valve without pilot valve, with CNOMO subbase
4) Protection class according to EN 60529: IP 65
5) Electr. connection: Plug; M12x1
6) ATEX optional
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Flow rate characteristic



p2 = secondary pressure qn = nominal flow

Rear exhaust

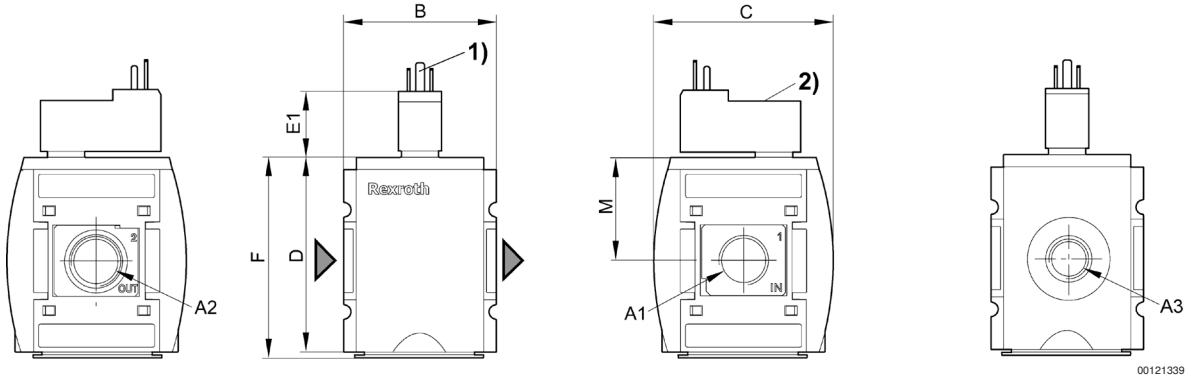


p2 = secondary pressure qn = nominal flow

3/2-way valve, electrically operated, Series AS2-SOV

► G 1/4 - G 3/8 ► pipe connection

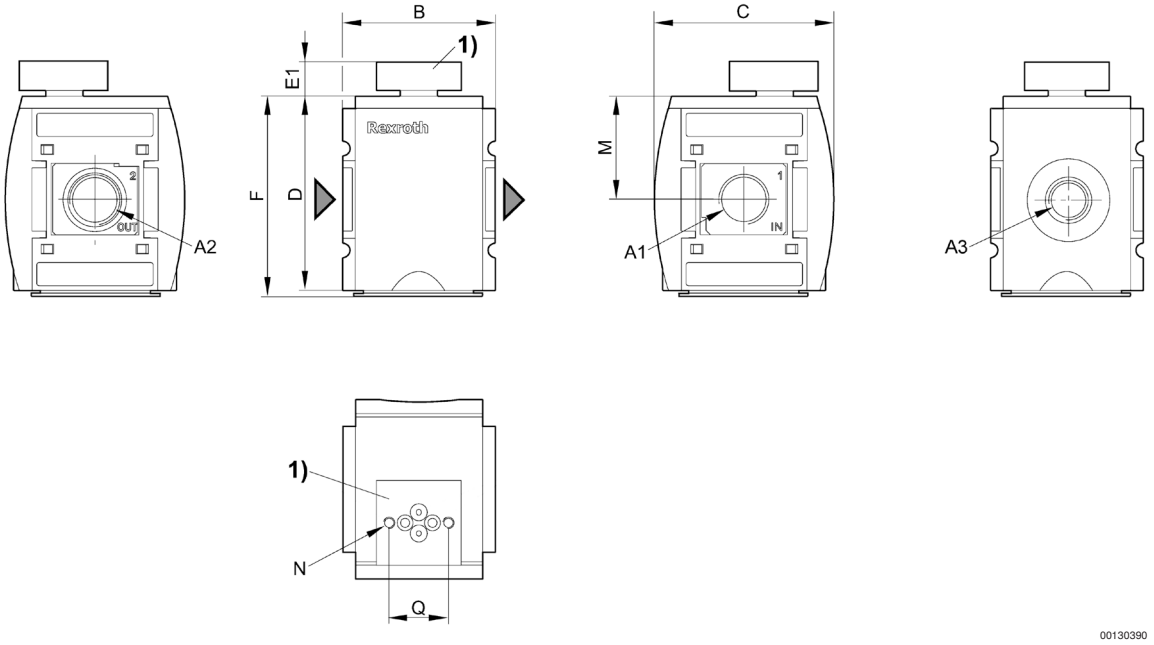
with pilot valve series DO16 for electrical connector form C



A3 = ventilation port
A1 = input
A2 = output
1) For electrical connector according to ISO 15217 (form C)
2) Manual override

A1	A2	A3	B	C	D	E1	F	M					
G 1/4	G 1/4	G 1/4	52	59	65	22	67	34					
G 3/8	G 3/8	G 1/4	52	59	65	22	67	34					

without pilot valve with CNOMO porting configuration for DO30



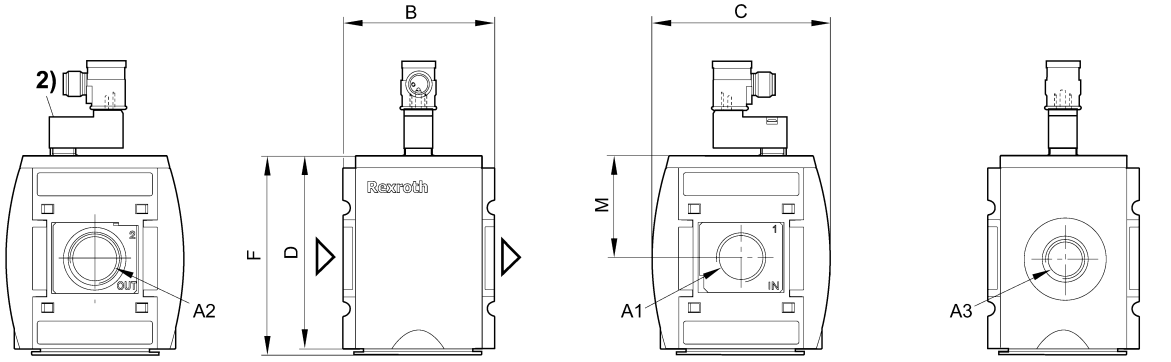
A3 = ventilation port
A1 = input
A2 = output
1) Transition plate with CNOMO porting configuration for pilot valve DO30

3/2-way valve, electrically operated, Series AS2-SOV

► G 1/4 - G 3/8 ► pipe connection

A1	A2	A3	B	C	D	E1	F	M	N	Q			
G 1/4	G 1/4	G 1/4	52	59	65	11	67	34	M4	21			
G 3/8	G 3/8	G 1/4	52	59	65	11	67	34	M4	21			

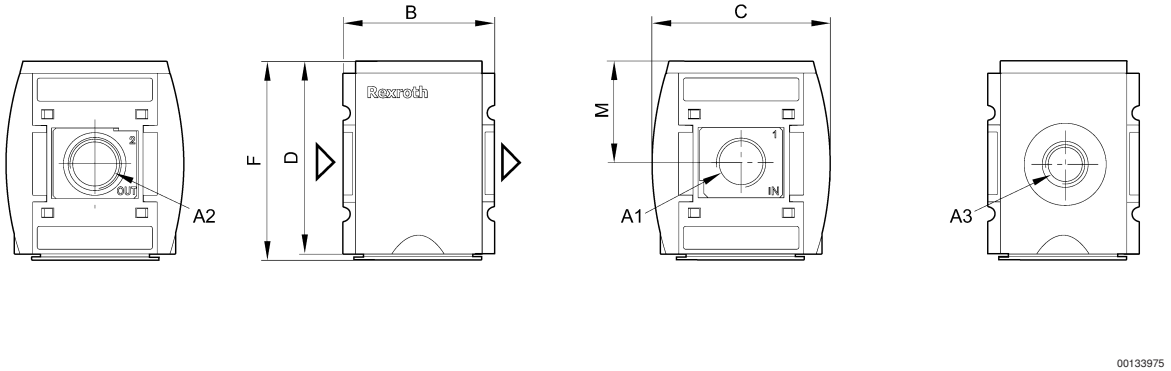
with pilot valve series DO16 for electrical connector M12x1



2) M12 plug

A1	A2	A3	B	C	D	E1	F	M					
G 1/4	G 1/4	G 1/4	52	59	65	22	67	34					
G 3/8	G 3/8	G 1/4	52	59	65	22	67	34					

without pilot valve with porting configuration for DO16



A1	A2	A3	B	C	D	E1	F	M					
G 1/4	G 1/4	G 1/4	52	59	65	22	67	34					
G 3/8	G 3/8	G 1/4	52	59	65	22	67	34					

3/2-way valve, pneumatically operated, Series AS2-SOV

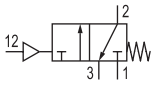
► G 1/4 - G 3/8 ► pipe connection ► ATEX certified

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

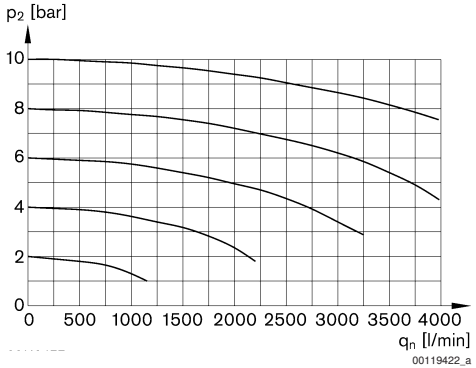
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- A short silencer is required for wall mounting (see accessories e.g. R412004817).

	Port	Exhaust	Qn			Control pressure min./max.	Weight	Part No.
				1►2	2►3			
			[l/min]			[bar]	[kg]	
	G 1/4 G 3/8	G 1/4	2000	2000	380	2.5 / 16	0.219	R412006262 R412006263

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

Flow rate characteristic



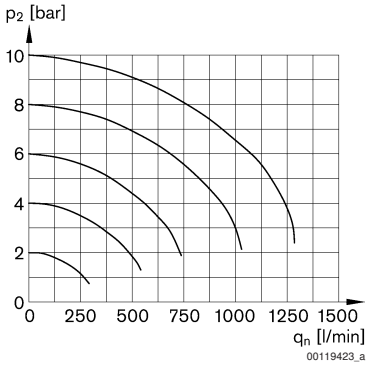
00119422_a

p2 = secondary pressure qn = nominal flow

3/2-way valve, pneumatically operated, Series AS2-SOV

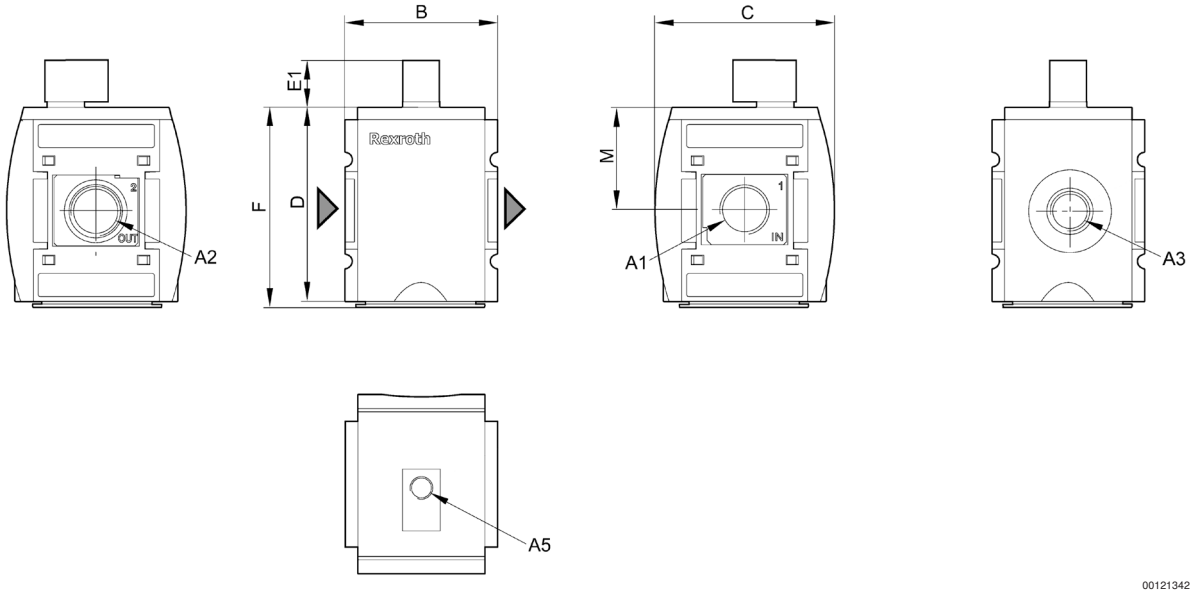
► G 1/4 - G 3/8 ► pipe connection ► ATEX certified

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		
R412006262	G 1/4	G 1/4	G 1/4	G 1/8	52	59	65	17	67	34		
R412006263	G 3/8	G 3/8	G 1/4	G 1/8	52	59	65	17	67	34		

Preparation of compressed air → Maintenance units and components

3/2-shut-off valve, mechanically operated, Series AS2-BAV

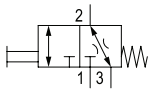
► G 1/4 - G 3/8 ► ATEX certified

00119374

ATEX	II 2G2D T4 X
Version	Poppet valve, Can be assembled into blocks with padlock lockable
Control element	rotary switch
Sealing principle	soft 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	Acrylonitrile Butadiene Rubber
Control element	Polyoxymethylene
Front cover	Acrylonitrile butadiene styrene
Threaded bushing	Die cast zinc

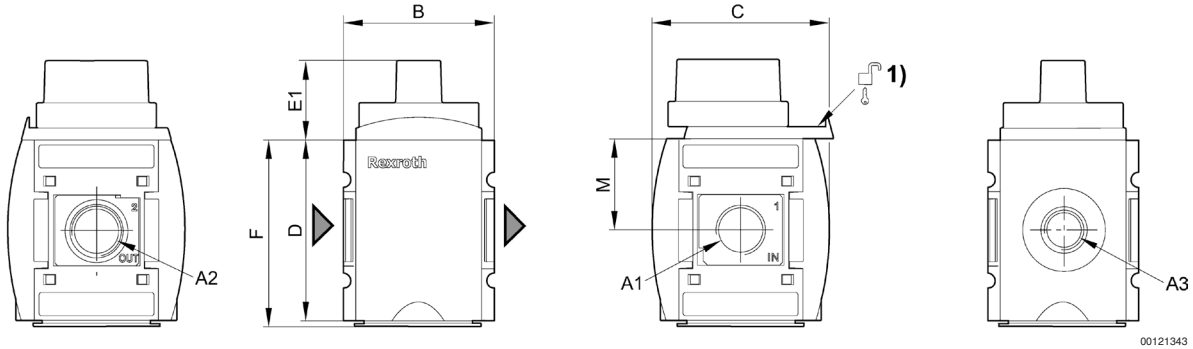
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- A short silencer is required for wall mounting (see accessories e.g. R412004817).

	Port	Exhaust	Qn		Note	Weight	Part No.
			1►2	2►3			
			[l/min]			[kg]	
	G 1/4	G 1/4	2000	380	1)	0.206	**R412006260**
	G 3/8				1)		**R412006261**
	G 1/4				2)		**R412006256**
	G 3/8				2)		**R412006257**

1) Locking base: Polyoxymethylene
2) Locking base: Steel
Nominal flow Qn at 6 bar and Δp = 1 bar

Dimensions



00121343

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

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

3/2-shut-off valve, mechanically operated, Series AS2-BAV

► G 1/4 - G 3/8 ► ATEX certified

A1	A2	A3	B	C	D	E1	F	M					
G 1/4	G 1/4	G 1/4	52	59	65	20.5	67	34					
G 3/8	G 3/8	G 1/4	52	59	65	20.5	67	34					

Preparation of compressed air → Maintenance units and components

Filling valve, pneumatically operated, Series AS2-SSV

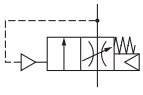
► G 1/4 - G 3/8 ► ATEX certified

00119380

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

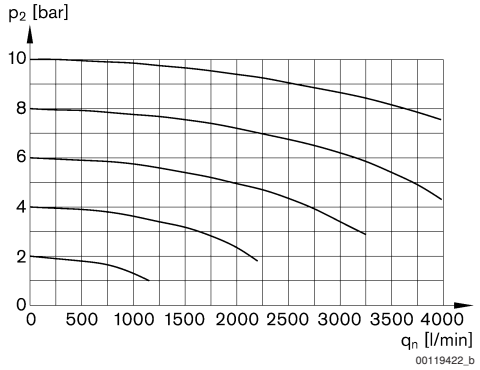
Technical Remarks

- 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 1/4	2000	-	0.203	R412006272
	G 1/4		1)		R412006275
	G 3/8		-		R412006273

1) With adjustment screw lock
Nominal flow with secondary pressure 6,3 bar at Δp = 1 bar

Flow rate characteristic



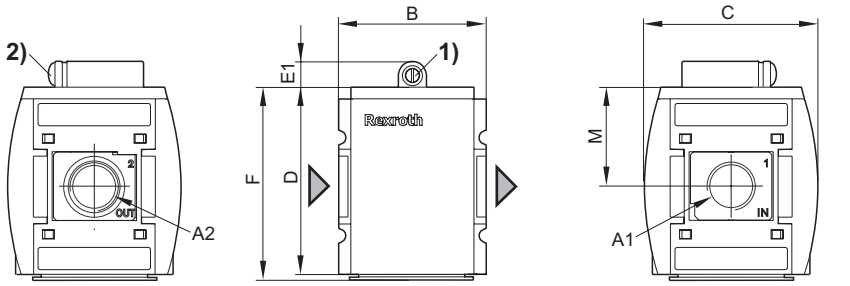
00119422_b

p2 = secondary pressure qn = nominal flow

Filling valve, pneumatically operated, Series AS2-SSV

► G 1/4 - G 3/8 ► 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 1/4	G 1/4	52	59	65	11	67	34						
G 3/8	G 3/8	52	59	65	11	67	34						

Filling valve, pneumatically operated, Series AS2-SSV

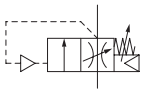
► G 1/4 ► adjustable filling time and change-over pressure ► ATEX certified

00134296

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

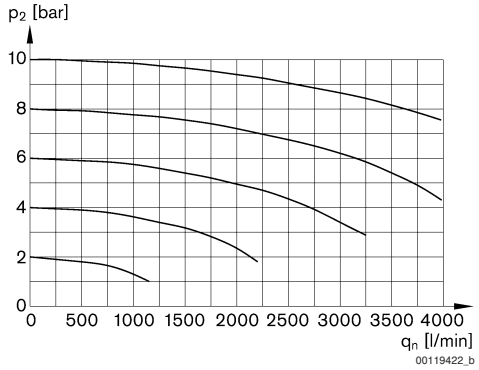
Technical Remarks

- 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	Exhaust	Qn	Weight	Part No.
			[l/min]	[kg]	
	G 1/4	G 3/8	2000	0.203	R412006245
	G 3/8				R412006246

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

Flow rate characteristic

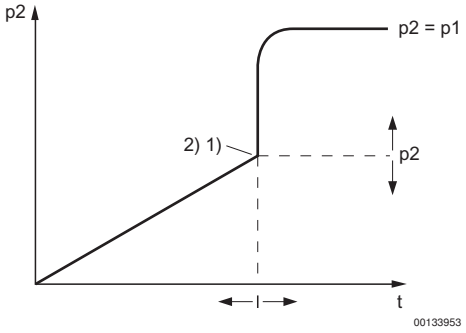


p2 = secondary pressure qn = nominal flow

Filling valve, pneumatically operated, Series AS2-SSV

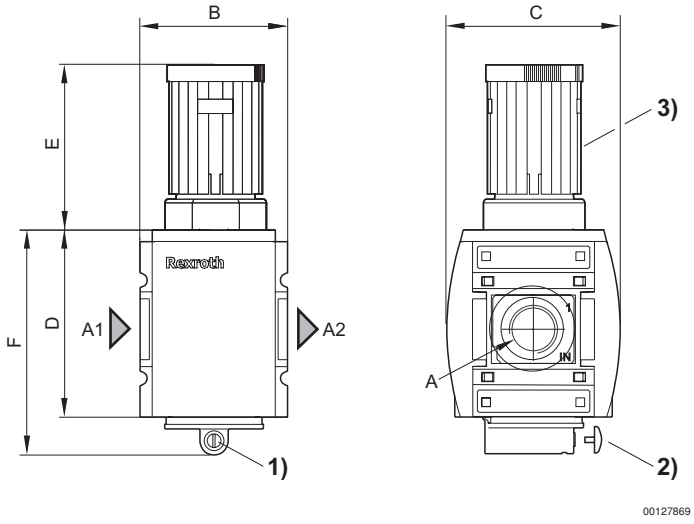
► G 1/4 ► adjustable filling time and change-over pressure ► ATEX certified

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 for filling time
2) Adjustment screw lock
3) handwheel for change-over pressure

A1	A2	B	C	D	E	F							
G 1/4	G 1/4	52	59	65	57.9	79							
G 3/8	G 3/8	52	59	65	57.9	79							

Preparation of compressed air → Maintenance units and components

Filling valve, pneumatically operated, with electrical priority circuit, Series AS2-SSV

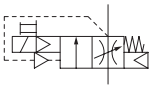
► G 1/4

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

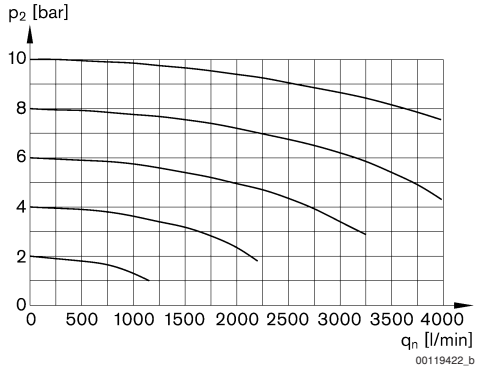
Technical Remarks

- 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 1/4	2000	1)	0.203	R412006274

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

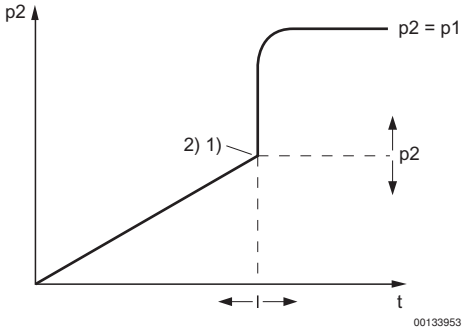
Flow rate characteristic



p2 = secondary pressure qn = nominal flow

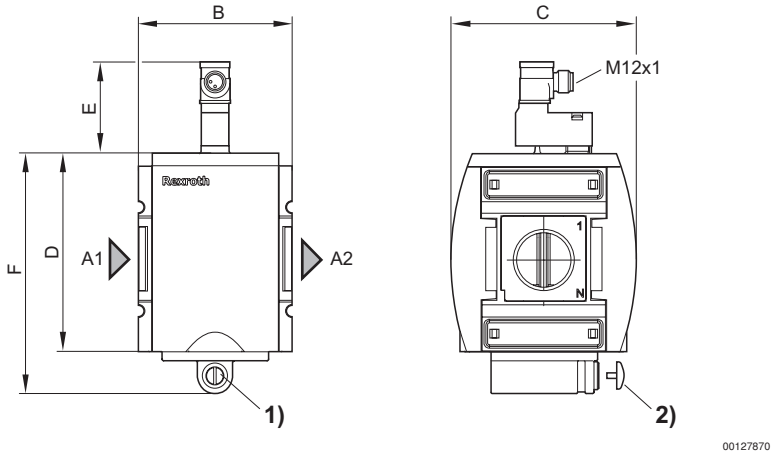
Filling valve, pneumatically operated, with electrical priority circuit, Series AS2-SSV
► G 1/4

Start function



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

Dimensions

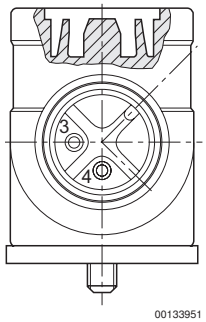


A1 = input
A2 = output
1) Adjustment screw for filling time
2) Adjustment screw lock

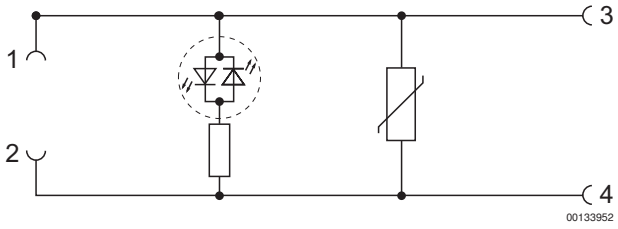
A1	A2	B	C	D	E	F							
G 1/4	G 1/4	52	59	65	48	79							

Filling valve, pneumatically operated, with electrical priority circuit, Series AS2-SSV
► G 1/4

Pin assignment M12x1



circuit diagram



Distributor, Series AS2-DIS

► G 1/4 - G 3/8 ► Distributor 3x ► 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)

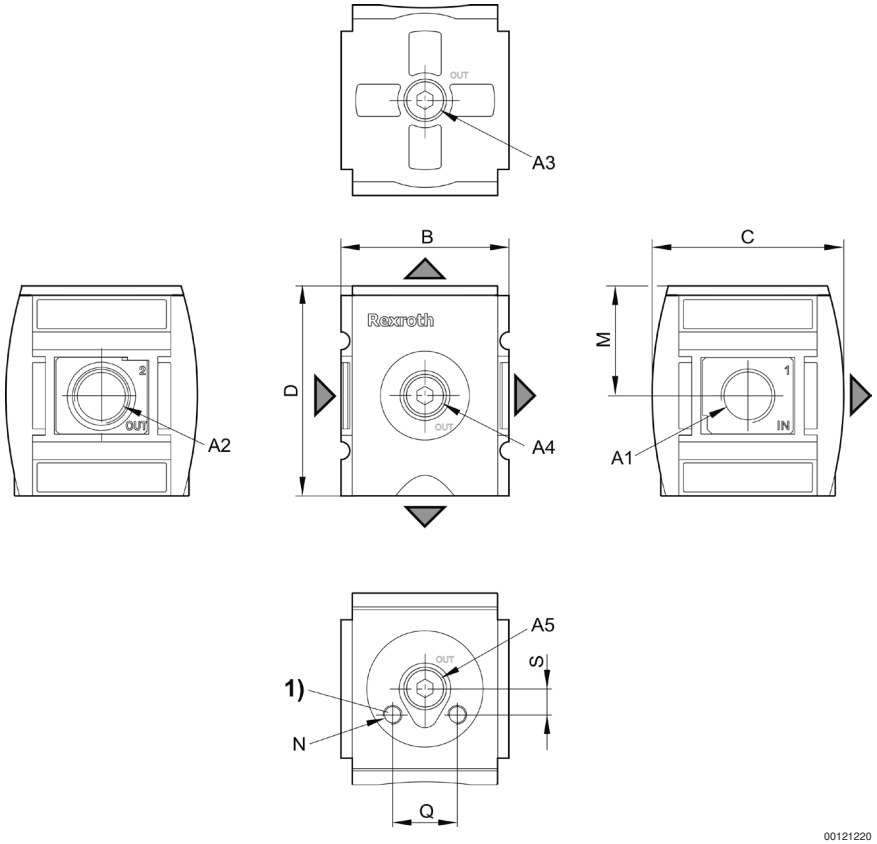
	Port	Qn				Weight	Part No.
		1►2	1►3	1►4	1►5		
		[l/min]				[kg]	
	G 1/4	2700	2000	900	2000	0.25	**R412006250**
	G 3/8	3600					**R412006251**

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

Distributor, Series AS2-DIS

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

Dimensions



1) Mounting thread for pressure sensor

A1	A2	A3	A4	A5	B	C	D	M	N	Q	S		
G 1/4	G 1/4	G 1/4	G 1/4	G 1/4	52	59	65	34	M5	20	8		
G 3/8	G 3/8	G 1/4	G 1/4	G 1/4	52	59	65	34	M5	20	8		

Distributor, Series AS2-DIC

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

00119389

ATEX	II 2G2D T4 X
Version	Center infeed, 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

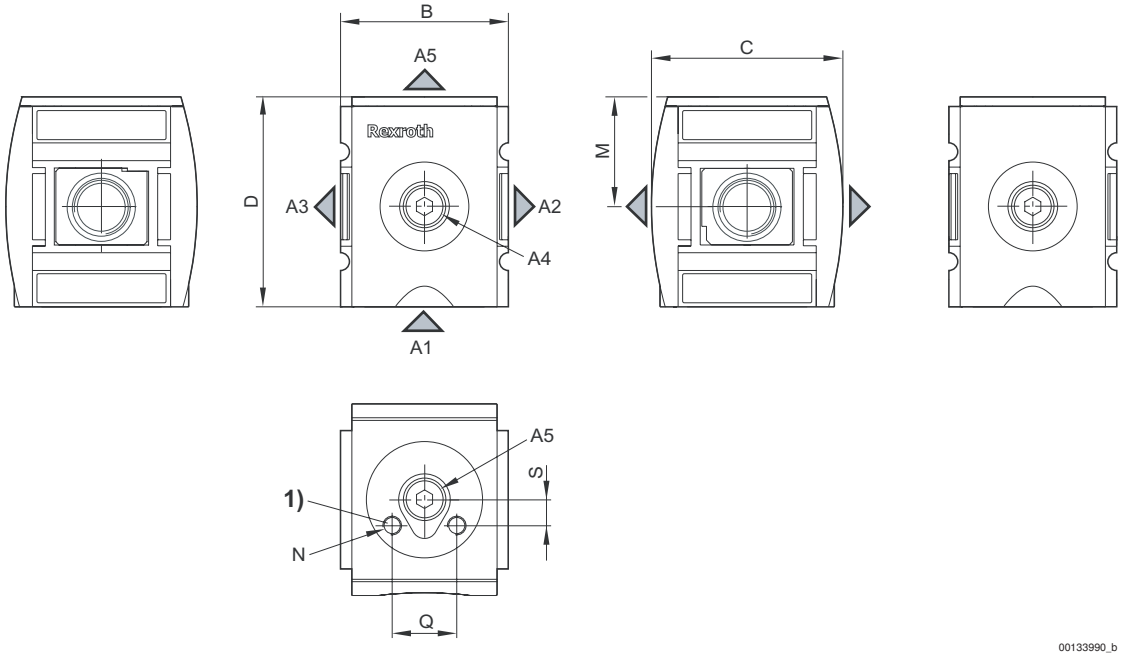
Technical Remarks

- 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 1/4	2900	2900	0.648	R412006249

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

Dimensions



00133990_b

1) Mounting thread for pressure sensor

Distributor, Series AS2-DIC

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

A1	A2	A3	A4	A5	B	C	D	M	N	Q	S		
G 1/4	G 3/8	G 3/8	G 1/4	G 1/4	52	59	65	32.5	M5	20	8		

Distributor, Series AS2-DIN

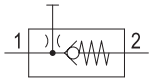
► G 1/4 - G 3/8 ► Non-return valve ► ATEX certified

00134315

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

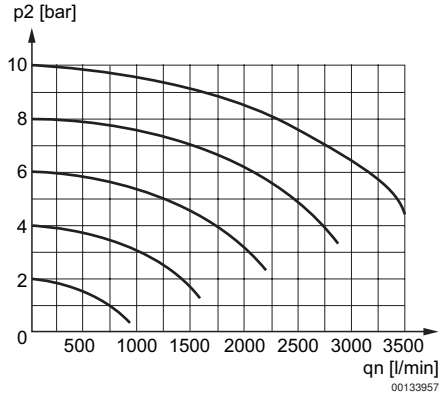
Technical Remarks

- 1 auxiliary air exit upstream of non-return valve.

	Port	Qn		Weight	Part No.
		1►2	1►6		
		[l/min]		[kg]	
	G 1/4	1250	700	0.25	**R412006254**
	G 3/8				**R412006255**

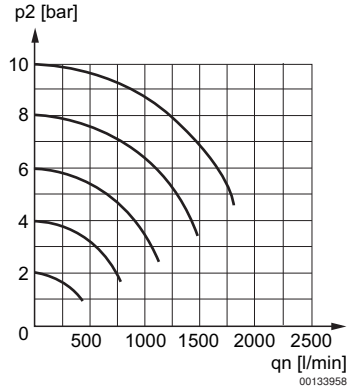
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Flow rate characteristic



00133957

Nominal flow 1 -> 2



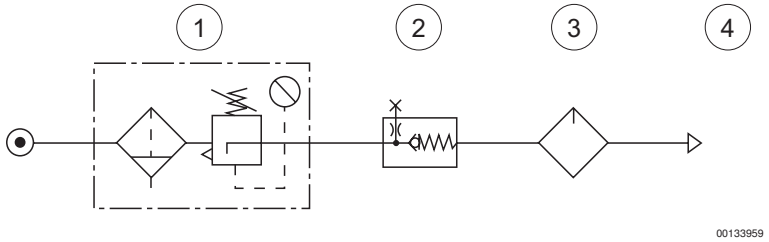
00133958

Nominal flow 1 -> 3

Distributor, Series AS2-DIN

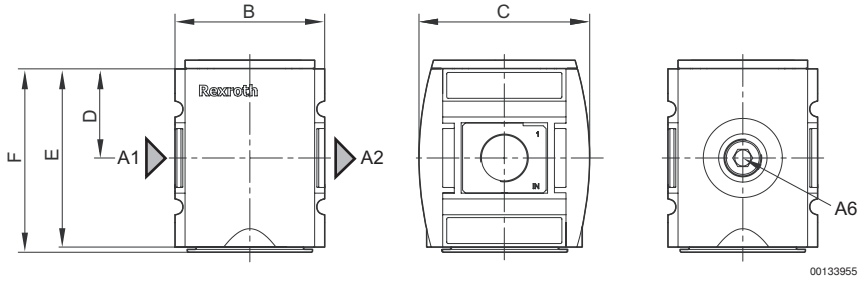
► G 1/4 - G 3/8 ► Non-return valve ► ATEX certified

usage



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

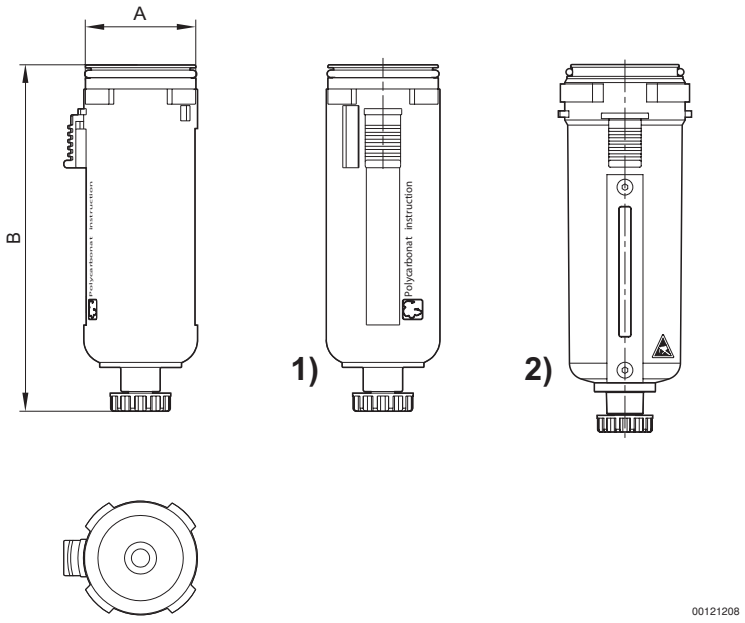
Dimensions



A1	A2	A6	B	C	D	E	F						
G 1/4	G 1/4	G 1/4	52	59	34	65	66.8						
G 3/8	G 3/8	G 1/4	52	59	34	65	66.8						

Series AS2
Accessories

Reservoir, Series AS2-CLS/ -CLP/ -CLC
► for filters, pre-filters and microfilters



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

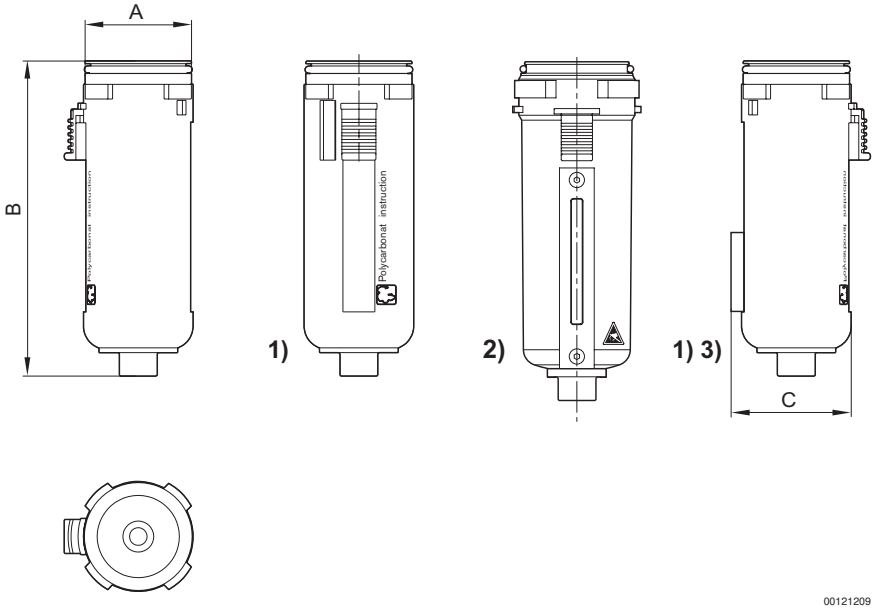
Condensate drain	Reservoir	Protective guard	Weight	Note	Part No.
			[kg]		
semi-automatic, open without pressure	Polycarbonate	Polyamide	0.077	Fig. 1	R412006338
fully automatic, open without pressure	Polycarbonate	Polyamide	0.12	Fig. 2	R412006339
fully automatic, closed without pressure	Polycarbonate	Polyamide	0.12	Fig. 2	R412006340
semi-automatic, open without pressure	Die cast zinc with window	-	0.338	Fig. 1	R412006344
fully automatic, open without pressure	Die cast zinc with window	-	0.39	Fig. 2	R412006345
fully automatic, closed without pressure	Die cast zinc with window	-	0.39	Fig. 2	R412006346

Part No.	A	B										
R412006338	37.6	115.5										
R412006344	37.6	115.5										

Part No.	A4	A	B									
R412006339	G 1/8	37.6	132									
R412006340	G 1/8	37.6	132									
R412006345	G 1/8	37.6	132									
R412006346	G 1/8	37.6	132									

Series AS2
Accessories

Reservoir, Series AS2-CLA
► for active carbon filter



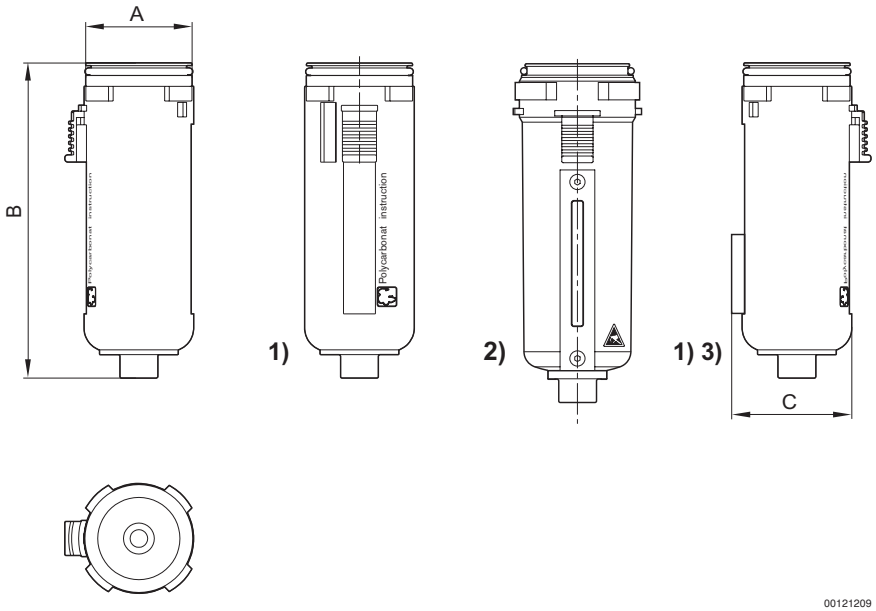
1) Plastic reservoir and protective guard with window
2) Metal reservoir with inspection glass

Reservoir	Protective guard	Weight	Part No.
		[kg]	
Polycarbonate	Polyamide	0.77	R412006347
Die cast zinc with window	-	0.338	R412006349

Part No.	A	B										
R412006347	37.6	108.5										
R412006349	37.6	108.5										

Series AS2
Accessories

Reservoir, Series AS2-CBS
► for lubricator



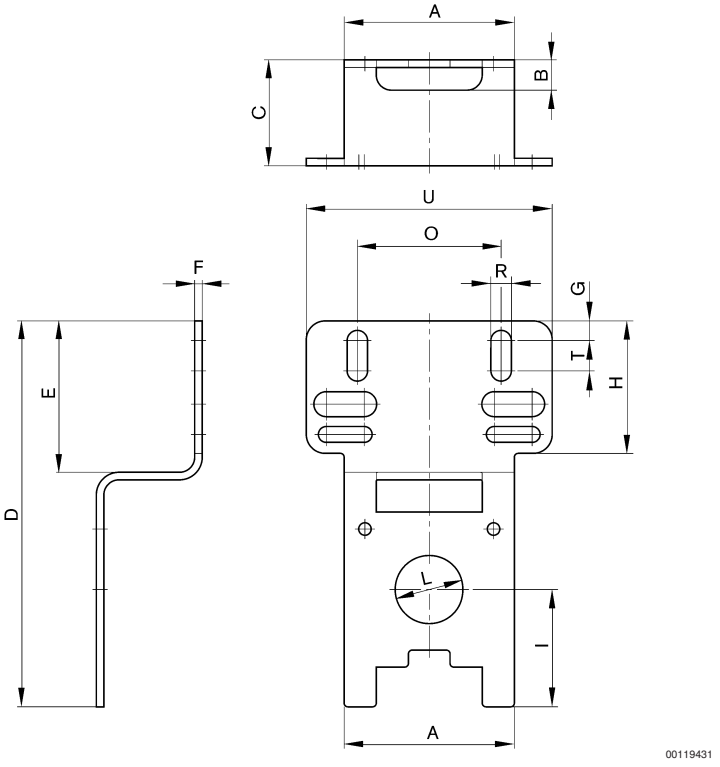
1) Plastic reservoir and protective guard with window
2) Metal reservoir with inspection glass
3) Sensor mounting

Electrical level detection	Reservoir	Protective guard	Weight	Part No.
			[kg]	
-	Polycarbonate	Polyamide	0.77	**R412006352**
-	Die cast zinc with window	-	0.258	R412006358
with external query	Polycarbonate	Polyamide	0.77	R412006351

Part No.	A	B	C									
R412006352	37.6	108.5	—									
R412006358	37.6	108.5	—									
R412006351	37.6	108.5	42.5									

Series AS2
Accessories

Mounting plate, AS2-MBR-...-W01



Part No.	A	B	C	D	E	F	G	H	I	L	O	R
R412006368	45	8	28	102	40	2	5.2	35	31	20	38	5.4

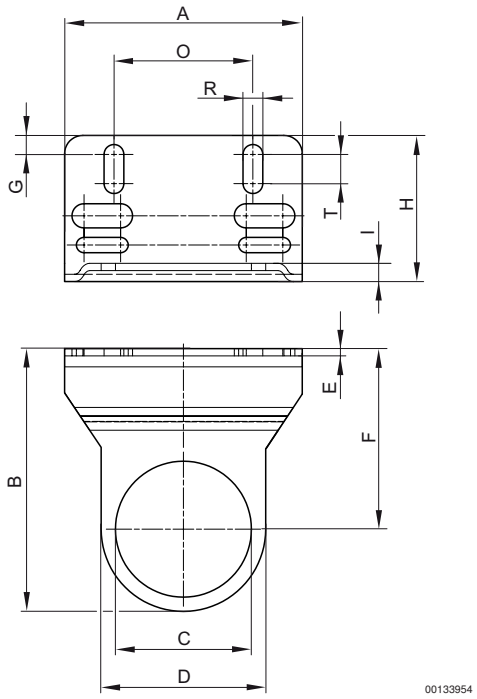
Part No.	T	U	Material	Material Seal	Weight [kg]				
R412006368	8	65	Steel	Acrylonitrile Butadiene Rubber	0.065				

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

Series AS2
Accessories

Mounting bracket, AS2-MBR-...-W02

00133792



00133954

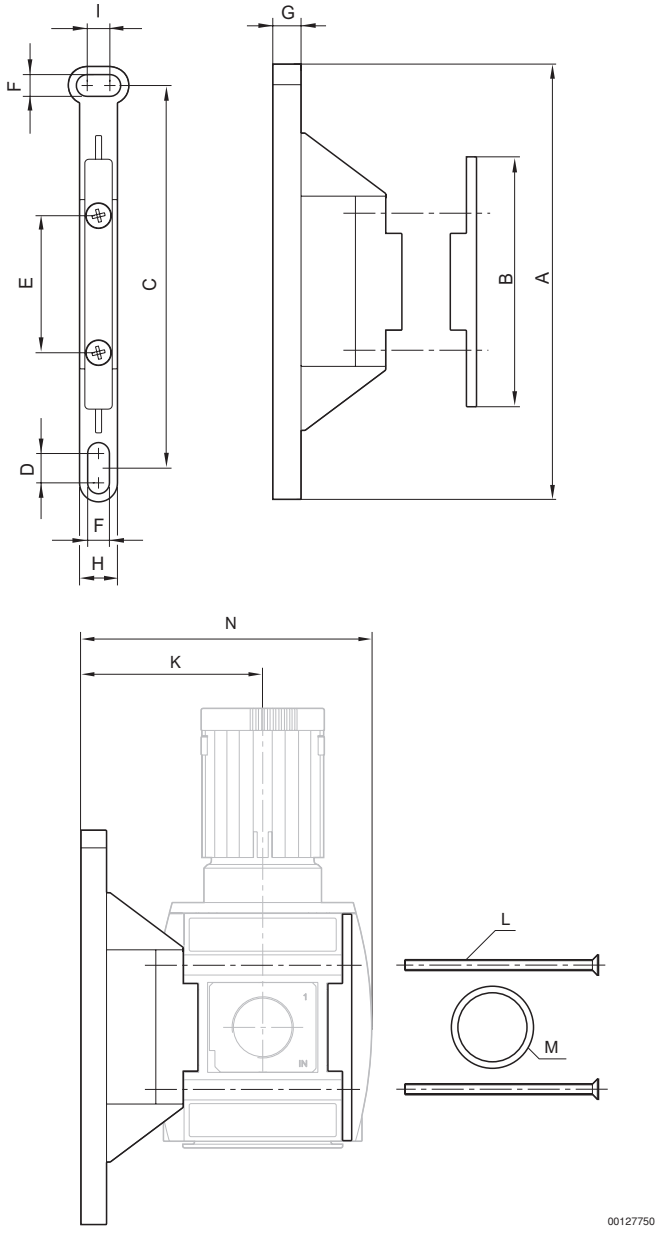
Part No.	A	B	C	D	E	F	G	H	I	O	R	T
R412007963	65	72	37.2	45	2	53.4	5.2	35	5	38	5.4	8

Part No.	Material	Weight [kg]									
R412007963	Steel	0.065									

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

Series AS2
Accessories

Mounting clip, AS2-MBR-...-W03



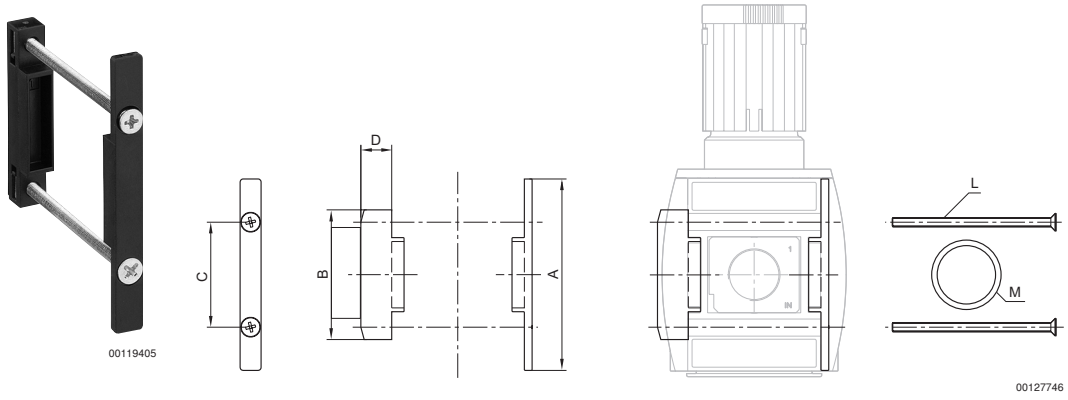
Part No.	A	B	C	D	E	F	G	H	I	K	L	M
R412006370	108	62	95	7.3	34	5.4	7	9.4	5.4	49.4	M3x53	19x1,8

Part No.	N	Material	Material Seal	Weight [kg]				
R412006370	78.9	Polyamide	Acrylonitrile Butadiene Rubber	0.015				

Scope of delivery incl. 2 mounting screws M3x53-4.8-A2R according to EN ISO 7046-1 (countersunk screw with type H X-slot), 1x O-ring

Series AS2
Accessories

Block assembly kit, AS2-MBR-...-W04



Part No.	A	B	C	D	L	M	Material	Material Seal
R412006371	62	42	34	6	M3x53	19x1,8	Polyamide	Acrylonitrile Butadiene Rubber

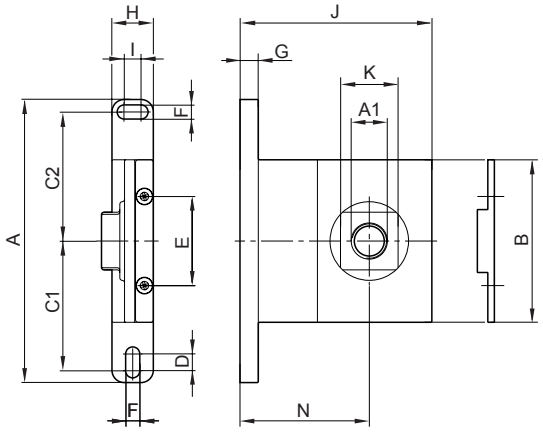
Part No.	Weight [kg]											
R412006371	0.01											

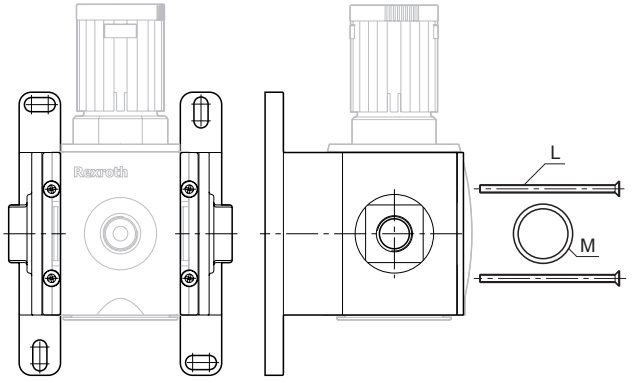
Scope of delivery incl. 2 mounting screws M3x53-4.8-A2R according to EN ISO 7046-1 (countersunk screw with type H X-slot), 1x O-ring

Series AS2
Accessories

Block assembly kit, AS2-MBR-...-W05

00124004





00131790

Part No.	A1	A	B	C1	C2	D	E	F	G	H	I	J
R412006366	G 1/4	108	62	49.3	49.3	6.4	34	5.4	7	16	6.4	73
R412006367	G 3/8	108	62	49.3	49.3	6.4	34	5.4	7	16	6.4	73

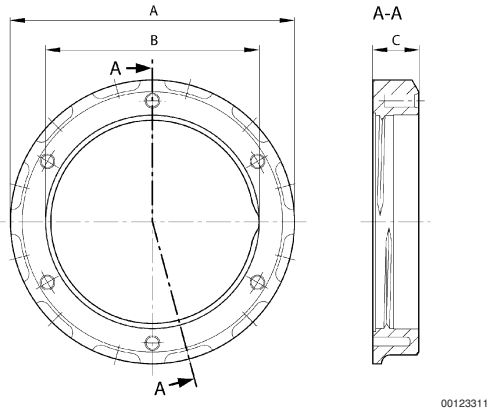
Part No.	K	L	M	N	Material	Material Seal	Weight [kg]		
R412006366	22	M3x53	19x1,8	49.4	Die cast zinc	Acrylonitrile Butadiene Rubber	0.475		
R412006367	22	M3x53	19x1,8	49.4	Die cast zinc	Acrylonitrile Butadiene Rubber	0.475		

Scope of delivery incl. 4 mounting screws M3x53-4.8-A2R according to EN ISO 7046-1 (countersunk screw with type H X-slot), 2x O-ring

Series AS2
Accessories

Panel nut, AS2-MBR-...-W06

00124065



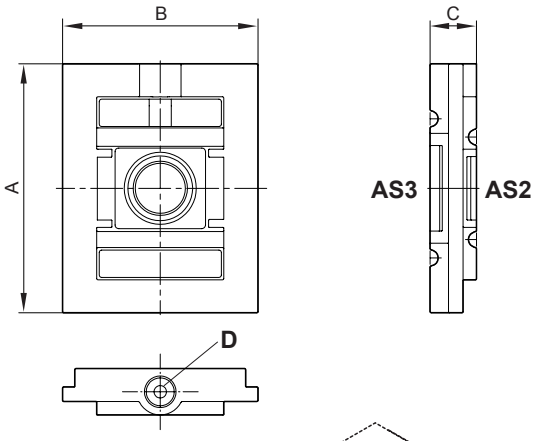
00123311

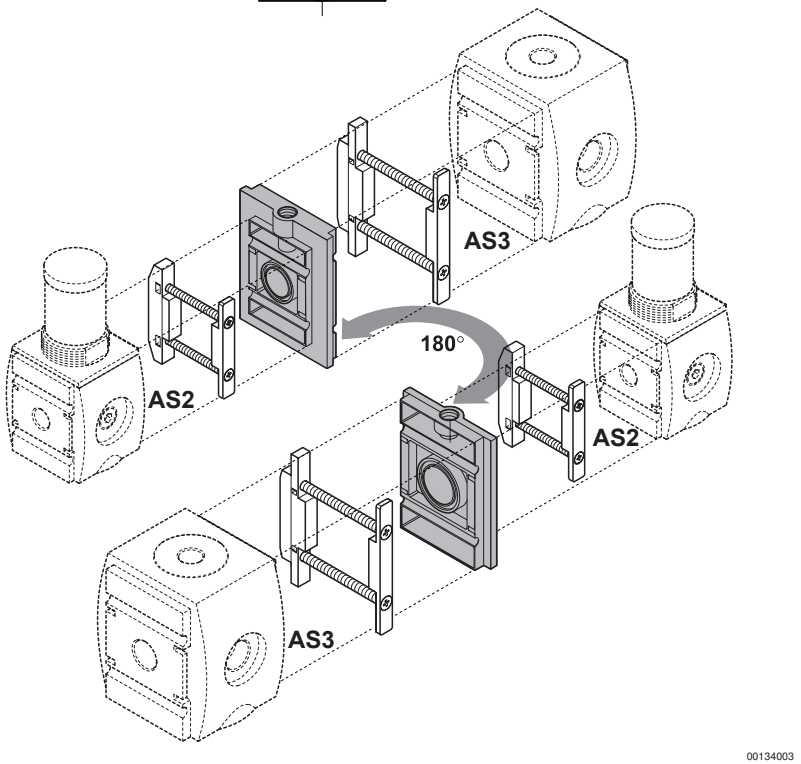
Part No.	A	B	C	Material	Material Seal				
R412006372	48	M36x1,5	8	Polyamide	Acrylonitrile Butadiene Rubber				

Series AS2
Accessories

Block assembly kit, Series AS2/AS3-MBR-...-W07

00134004





00134003

scope of delivery incl. seal

Part No.	A	B	C	D								
R412010121	75	61	14	G 1/8								

Series AS2
Accessories

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

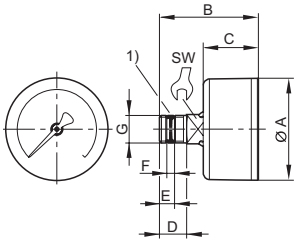
00123444

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 AS2
Accessories

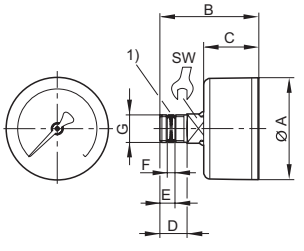
Pressure gauges, Series PG1-SAS-ADJ
► Front port ► with adjustable work area display ► Background color: Black ► Scale color: White / Grey ► Viewing window: Polystyrene ► ATEX certified

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

Preparation of compressed air → Maintenance units and components

Series AS2
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

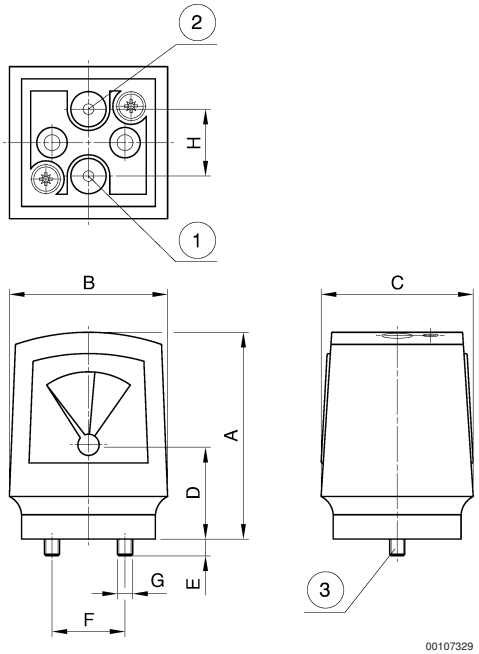
00106963

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 AS2
Accessories

Dimensions



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

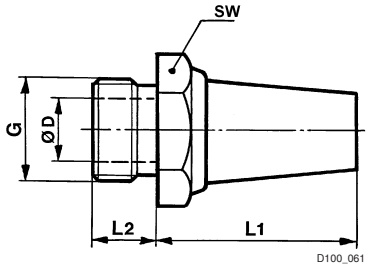
A	B	C	E	F	G	H								
68	52	50	5.5	24	M5	22								

Silencers, Series SI1
► Sintered bronze

Working pressure min./max.	0 bar / 10 bar
Ambient temperature min./max.	-25°C / +80°C
Medium	Compressed air
Materials:	
Silencers	Sintered bronze
Thread	Brass

Series AS2
Accessories

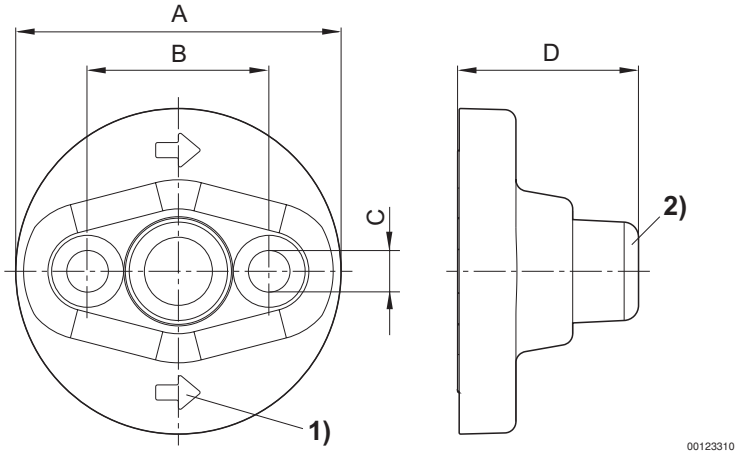
Dimensions



Part No.	Port G	SW	Ø D	L1	L2	Weight [kg]	Delivery quantity [Piece]				
R412004817	G 1/4	16	8.5	18.7	7.6	0.013	10				

Sound pressure level measured at 6 bar at 1 m distance

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



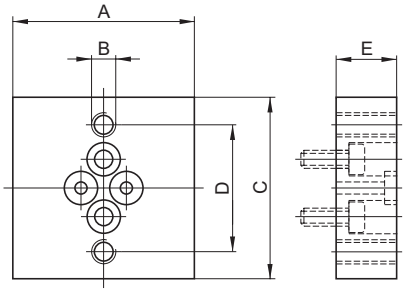
1) Flow direction
2) Display in initial state: green (= Δp < 0.35 bar)
Display turns red on contamination of the filter element (= Δp ≥ 0.35 bar).

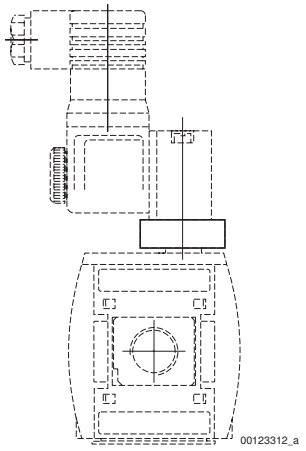
Part No.	A	B	C	D	Material	Weight [kg]					
R412006363	43	24	5.5	24	Polyamide	0.025					

2 mounting screws and 2 O-rings supplied loose

Series AS2
Accessories

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

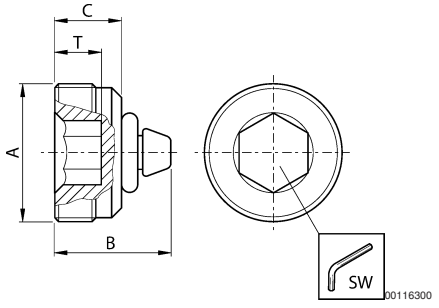




Part No.	A	B	C	D	E	Material	Weight [kg]				
R412006360	30	M4	30	21	10	Aluminum	0.025				

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

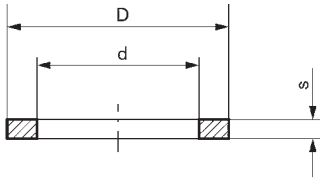


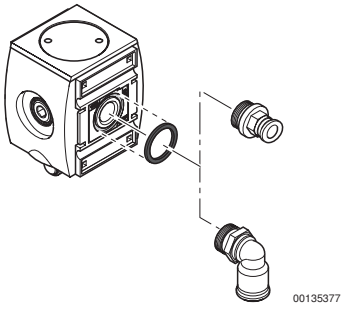
Part No.	A	B	C	SW	T	Material	Material Seal	Delivery quantity [Piece]	
1820508006	G 1/4	13	8.5	6	6.5	Polyamide	Acrylonitrile Butadiene Rubber	10	

Series AS2
Accessories

Sealing ring
► Acrylonitrile butadiene styrene

00127841





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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

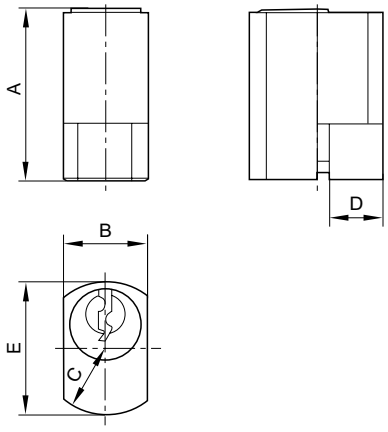
Part No.	Ambient temperature min./max. [C°]										
R412010148	-10 / +60										
R412010149	-10 / +60										
R412010150	-10 / +60										

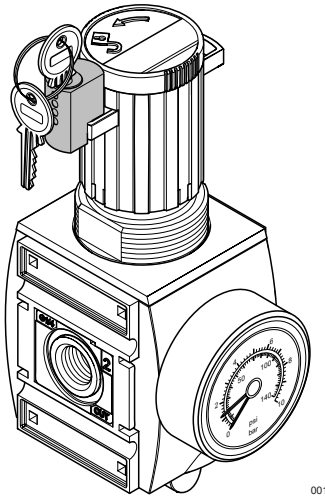
For inserting into the O-ring groove when using series QR1 and QR2 fittings.

Series AS2
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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