



Directional valves → Electrically operated

## Series DO

**InduParts Pneumatics B.V.B.A.**

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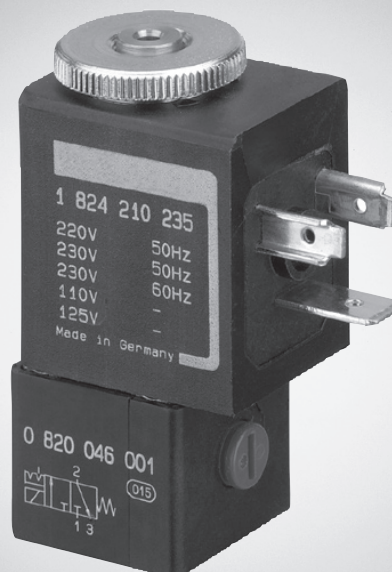
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Brochure




Directional valves → Electrically operated

**Series DO**

	3/2-way valve, Series DO10 ► Qn = 7.5 l/min ► plate connection ► Electr. connection: Socket, Industrial plug connector ► manual override: without detent, with detent	<b>5</b>
	3/2-way valve, Series DO16 ► Qn = 16 - 25 l/min ► plate connection ► Electr. connection: Plug, ISO 15217, form C ► manual override: without detent, with detent	<b>7</b>
	3/2-way valve, Series DO22 ► Qn = 48 l/min ► plate connection ► Electr. connection: Plug, ISO 6952, form B ► manual override: with detent, without	<b>9</b>
	3/2-way valve, Series DO22 ► Qn = 61 - 70 l/min ► Plate valve with pipe connection ► Electr. connection: Plug, ISO 6952, form B ► manual override: with detent, without	<b>11</b>
	3/2-way valve, Series DO22 ► Qn = 55 - 82 l/min ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 6952, form B ► manual override: with detent, without	<b>15</b>
	3/2-way valve, Series DO22 ► Qn = 40 l/min ► pipe connection ► compressed air connection output: M5 ► Electr. connection: form B, industry ► Can be assembled into blocks ► single valve ► manual override: with detent ► single solenoid	<b>18</b>
	3/2-way valve, Series DO30 ► Qn = 53 - 72 l/min ► Plate valve with pipe connection ► compressed air connection output: CNOMO ► Electr. connection: Plug, ISO 4400, form A ► manual override: without detent, with detent	<b>20</b>
	3/2-way valve, Series DO35 ► Qn = 100 l/min ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 4400, form A ► manual override: with detent ► NC	<b>23</b>
	3/2-way valve, Series DO35 ► Qn = 100 l/min ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 4400, form A ► manual override: with detent ► NO	<b>25</b>

**Accessories**

	Electrical connector, Series CN1 ► ISO 4400 ► Electrical connector, form A	<b>27</b>
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	Electrical connectors, Series CN1 ► ISO 4400 ► Electrical connector, form A ► with cable	<b>28</b>
	Electrical connectors, Series CN1 ► ISO 6952 ► Electrical connector, form B	<b>30</b>
	Electrical connectors, Series CN1 ► ISO 6952 ► Electrical connector, form B ► with cable	<b>31</b>
	Electrical connectors, Series CN1 ► ISO 15217:2000 ► Electrical connector, form C	<b>33</b>
	Electrical connectors, Series CN1 ► ISO 15217:2000 ► Electrical connector, form C ► with cable	<b>34</b>
	Coil, Series CO1 ► Coil width 30 mm ► form A	<b>36</b>
	Coil, Series CO1 ► Coil width 22 mm ► form B	<b>38</b>
	Manifold block, Series DO10 ► compressed air connection output: M3	<b>40</b>
	Blanking plate, Series DO10	<b>41</b>
	Manifold block, Series DO16 ► compressed air connection output: M5	<b>42</b>
	Manifold block, Series DO16 ► compressed air connection output: Ø 4	<b>44</b>
	Blanking plate, Series DO16	<b>45</b>
	Manifold block, Series DO22 ► compressed air connection output: M5	<b>46</b>

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	Manifold block, Series DO22 ► compressed air connection output: Ø 4	<b>48</b>
	Manifold block, Series DO22 ► compressed air connection output: M5	<b>49</b>
	Blanking plate, Series DO22	<b>51</b>
		
	Single subbase, Series DO22 ► compressed air connection output: M5	<b>52</b>
	Blanking screw, gasket ► M5 ► FPT-S-RBI	<b>53</b>
	Manifold block, Series DO30	<b>53</b>
	Blanking plate, Series DO30	<b>55</b>
	Subbase, For series DO35 ► compressed air connection output: G 1/8	<b>56</b>
		
	Mounting bracket kit, For series DO35	<b>57</b>
	Pilot valve ► Qn = 100 l/min ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 4400, form A ► Can be assembled into blocks ► manual override: with detent	<b>58</b>
	Connecting cable with socket ► Socket, Industrial plug connector, 2-pin ► without wire end ferrule, tin-plated, 2-pin	<b>59</b>

## Directional valves → Electrically operated

**3/2-way valve, Series DO10**

►  $Q_n = 7.5 \text{ l/min}$  ► plate connection ► Electr. connection: Socket, Industrial plug connector ► manual override: without detent, with detent



00106718

Version	Poppet valve
Sealing principle	soft sealing
Mounting on manifold strip	PRS strip
Working pressure min./max.	0 bar / 8 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
Oil content of compressed air	0 mg/m³ - 1 mg/m³
Protection class according to EN 60529: with electrical connector/plug	IP 50
Protective circuit	Z-diode
Status display LED	Yellow
Duty cycle	100 %
Mounting screw	M1.6
Materials:	
Housing	polyphenylene sulfide
Seals	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.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

Operating voltage	Voltage tolerance	Power consumption
DC	DC	DC
		<b>W</b>
24 V	-10% / +10%	1.2

	MO	Operating voltage	Flow rate value		Weight	Part No.
		DC	$Q_n$ 1►2	$Q_n$ 2►3		
			[l/min]		[kg]	
		24 V	7.5	14	0.038	1827414900
		24 V	7.5	14	0.038	1827414901

MO = Manual override

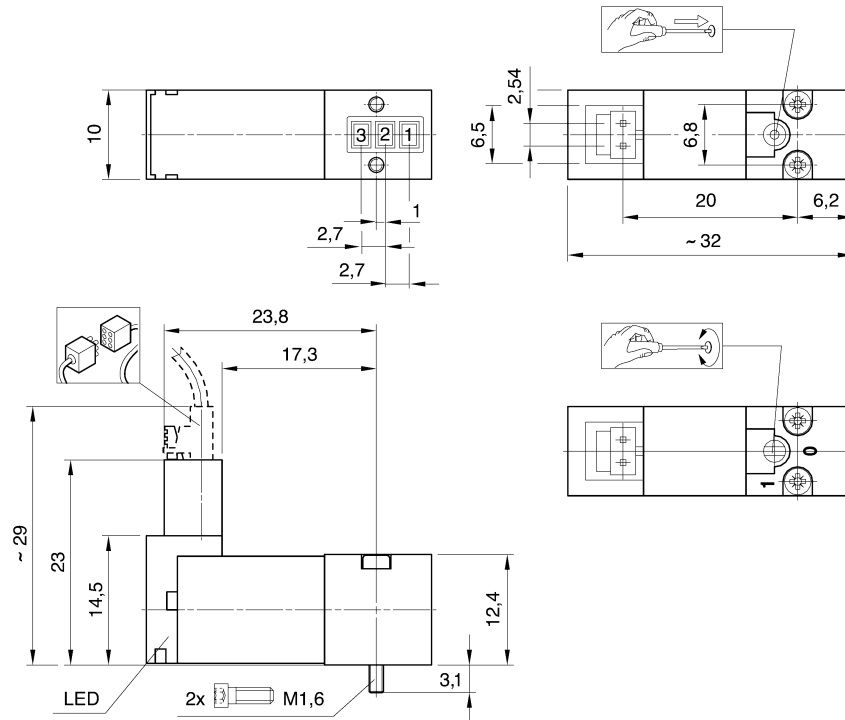
Nominal flow  $Q_n$  at 6 bar and  $\Delta p = 1 \text{ bar}$

## Directional valves → Electrically operated

**3/2-way valve, Series DO10**

►  $Q_n = 7.5 \text{ l/min}$  ► plate connection ► Electr. connection: Socket, Industrial plug connector ► manual override: without detent, with detent

## Dimensions

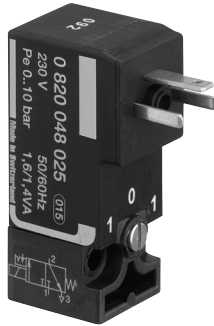


00110046

## Directional valves → Electrically operated

**3/2-way valve, Series DO16**

► Qn = 16 - 25 l/min ► plate connection ► Electr. connection: Plug, ISO 15217, form C ► manual override: without detent, with detent



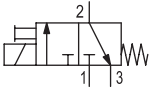

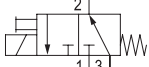

00110052

Version	Poppet valve
Sealing principle	soft sealing
Mounting on manifold strip	PRS strip
Working pressure min./max.	See table below
Ambient temperature min./max.	-15 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³ - 5 mg/m³
Protection class according to EN 60529: with electrical connector/plug	IP 65
Duty cycle	100 %
Mounting screw	M3
Materials:	
Housing	polyphenylene sulfide
Seals	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.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

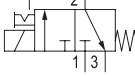

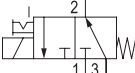

Operating voltage			Voltage tolerance			Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz
						W	VA	VA	VA	VA
24 V	-	-	-10% / +15%	-	-	2	-	-	-	-
-	24 V	-	-	-10% / +15%	-	-	2.2	-	1.6	-
-	-	110 V	-	-	-10% / +15%	-	-	2	-	1.4
-	230 V	-	-	-10% / +15%	-	-	2.2	-	1.6	-

	MO	Operating voltage			Flow rate value		Working pressure min./max.	Weight	Part No.
		DC	AC 50 Hz	AC 60 Hz	Qn 1►2	Qn 2►3			
					[l/min]		[bar]	[kg]	
		24 V - - -	- 24 V - 230 V	- - 110 V -	25	38	0 / 10	0.035	<b>0820048002</b> <b>0820048004</b> <b>0820048005</b> <b>0820048001</b>
		24 V - - -	- 24 V - 230 V	- - 110 V -	16	19	0 / 6	0.035	<b>0820048102</b> 0820048104 0820048105 0820048101

MO = Manual override

Nominal flow Qn at 6 bar and Δp = 1 bar

### 3/2-way valve, Series DO16

	MO	Operating voltage			Flow rate value		Working pressure min./max.	Weight	Part No.
		DC	AC 50 Hz	AC 60 Hz	Qn 1►2	Qn 2►3			
					[l/min]		[bar]	[kg]	
		24 V - - - 230 V	- 24 V - 110 V -	- - 110 V -	25	38	0 / 10	0.035	<b>0820048026</b> 0820048028 0820048029 0820048025
		24 V - - 230 V	- - 110 V -	- - 110 V -	16	19	0 / 6	0.035	<b>0820048126</b> 0820048129 0820048125

Nominal flow  $Q_n$  at 6 bar and  $\Delta p = 1$  bar

Technical drawing of the M3000 1000W electric heater, showing front, side, and top views with dimensions and assembly instructions.

**Dimensions:**

- Overall width: 62
- Overall height: 49
- Heater element width: 40,8
- Mounting bracket height (top): 21,1
- Mounting bracket height (bottom): 14,2
- Mounting bracket height (total): 17,2
- Top panel width: 8
- Top panel mounting hole spacing: M2,5
- Top panel mounting hole diameter: 3,1
- Top panel mounting hole depth: 9,7
- Top panel mounting hole diameter (outer): 15,2

**Assembly Instructions:**

- Two screws (2x) M3x20 DIN 94 are used to secure the top panel.
- The heater is mounted to the wall using the provided mounting bracket.
- The heater is connected to the power supply via the terminal block.

00110053



## Directional valves → Electrically operated

**3/2-way valve, Series DO22**

► Qn = 48 l/min ► plate connection ► Electr. connection: Plug, ISO 6952, form B ► manual override: with detent, without



00110071

Version	Poppet valve
Sealing principle	soft sealing
Mounting on manifold strip	PRS strip
Working pressure min./max.	See table below
Ambient temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³ - 5 mg/m³
Protection class according to EN 60529: with electrical connector/plug	IP 65
Compatibility index	See table below
Duty cycle	100 %
Mounting screw	M3
Materials:	
Housing	Plastic
Seals	Fluorocautouc

**Technical Remarks**

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

Operating voltage		Voltage tolerance		Power consumption	Switch-on power	Holding power
DC	AC 50 Hz	DC	AC 50 Hz	DC	AC 50 Hz	AC 50 Hz
				W	VA	VA
24 V	-	-10% / +10%	-	2.6	-	-
24 V	-	-10% / +10%	-	4.8	-	-
-	230 V	-	-10% / +10%	-	11	8.5

	MO	Operating voltage		Flow rate value		Working pressure min./max.	Compatibility index	Note	Part No.
		DC	AC 50 Hz	Qn 1►2	Qn 2►3				
				[l/min]		[bar]			
		24 V	-	48	56	2 / 7 0 / 10	13 14	3) -	<b>0820046005</b> <b>0820046002</b>
		-	-	48	56	0 / 10	14	1); 2)	0820046980

MO = Manual override

1) cannot be combined with coil with low power consumption

2) Basic valve without coil

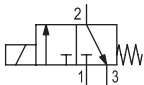
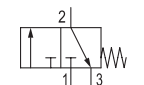
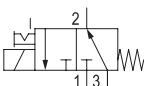

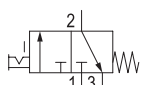

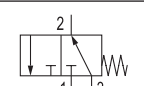
3) Low power consumption

Nominal flow Qn at 6 bar and Δp = 1 bar

Directional valves → Electrically operated

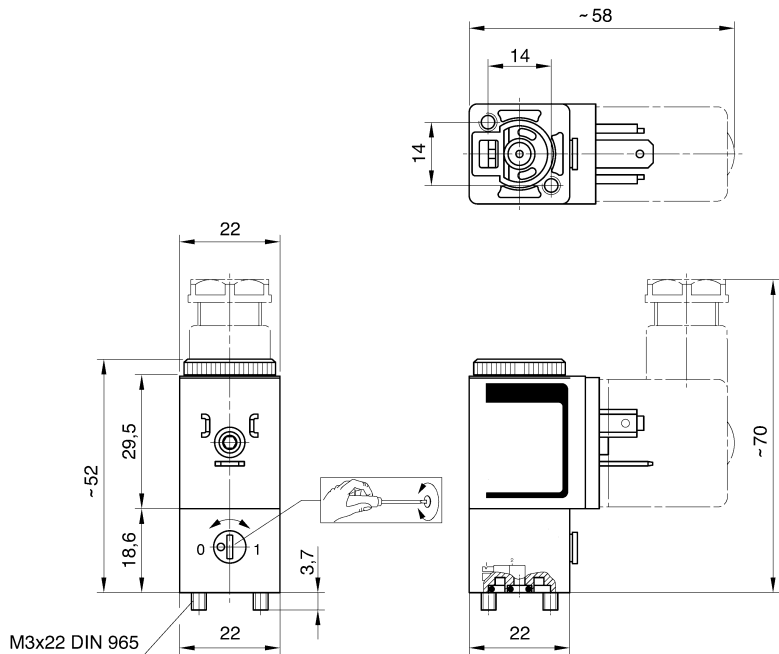
3/2-way valve, Series DO22

► Qn = 48 l/min ► plate connection ► Electr. connection: Plug, ISO 6952, form B ► manual override: with detent, without

	MO	Operating voltage		Flow rate value		Working pressure min./max.	Compatibility index	Note	Part No.
		DC	AC 50 Hz	Qn 1►2	Qn 2►3				
				[l/min]		[bar]			
	-	24 V	-	48	56	2 / 7	13	3)	0820046029
						0 / 10	14	-	0820046026
	-	-	-	48	56	0 / 10	14	1); 2)	0820046981
		24 V	-	48	56	0 / 10	14	-	<b>0820046101</b>
		-	230 V						0820046100
		-	-	48	56	0 / 10	14	2)	0820046990
	-	-	-	48	56	0 / 10	14	2)	0820046991

MO = Manual override  
1) cannot be combined with coil with low power consumption  
2) Basic valve without coil  
3) Low power consumption  
Nominal flow Qn at 6 bar and Δp = 1 bar

Dimensions



00110072

## Directional valves → Electrically operated

**3/2-way valve, Series D022**

► Qn = 61 - 70 l/min ► Plate valve with pipe connection ► Electr. connection: Plug, ISO 6952, form B ► manual override: with detent, without



00110071

Version	Poppet valve
Sealing principle	soft sealing
Working pressure min./max.	See table below
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³ - 5 mg/m³
Protection class according to EN 60529: with electrical connector/plug	IP 65
Compatibility index	See table below
Duty cycle	100 %
Mounting screw	M3
Materials:	
Housing	Plastic
Seals	Fluorocautchouc

**Technical Remarks**

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

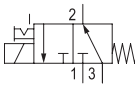

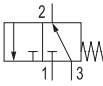
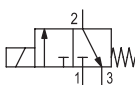
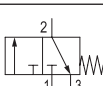
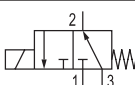
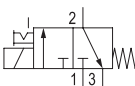

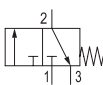
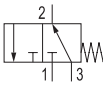
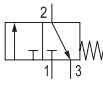
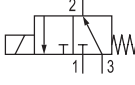
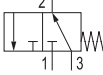
Operating voltage			Voltage tolerance			Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz
						W	VA	VA	VA	VA
24 V	-	-	-10% / +10%	-	-	4.8	-	-	-	-
24 V	-	-	-10% / +10%	-	-	2.6	-	-	-	-
-	24 V	-	-	-10% / +10%	-	-	12	9.9	8.5	7.3
-	-	110 V	-	-	-10% / +10%	-	11	9.4	8.5	6.9
-	230 V	-	-	-10% / +10%	-	-	12.6	-	9.7	-
-	-	110 V	-	-	-10% / +10%	-	-	9.4	-	6.9

	MO	Compressed air connection		Operating voltage			Flow rate value		Working pressure min./max.	Compatibil-ity index	Part No.
		Input	Exhaust	DC	AC 50 Hz	AC 60 Hz	Qn 1►2	Qn 2►3			
							[l/min]		[bar]		
				24 V	-	-			0 / 10	14	<b>0820019641</b>
				24 V	-	-			0 / 7	13	0820019644
			M5	-	24 V	-	61	74	0 / 10	14	0820019642
				-	-	110 V			0 / 10	14	0820019643
				-	230 V	-			0 / 10	14	0820019640
			M5	-	-	-	61	74	0 / 10	14	0820019968

## Directional valves → Electrically operated

**3/2-way valve, Series DO22**

► Qn = 61 - 70 l/min ► Plate valve with pipe connection ► Electr. connection: Plug, ISO 6952, form B ► manual override: with detent, without

	MO	Compressed air connection		Operating voltage			Flow rate value		Working pressure min./max.	Compatibil-ity index	Part No.
		Input	Exhaust	DC	AC 50 Hz	AC 60 Hz	Qn 1►2	Qn 2►3			
							[l/min]		[bar]		
		M5	-	24 V -	- 24 V	-	61	74	0 / 10	14	<b>0820019691</b> 0820019692
	-	M5	-	-	-	-	61	74	0 / 10	14	0820019961
	-	-	M5	24 V	-	-	61	74	0 / 10	14	<b>0820019631</b>
				24 V	-	-			0 / 7	13	0820019634
				-	-	110 V			0 / 10	14	0820019633
				-	230 V	-			0 / 10	14	0820019630
	-	-	M5	-	-	-	61	74	0 / 10	14	0820019967
	-	M5	-	24 V	-	-	61	74	0 / 10	14	0820019681
				-	-	110 V					0820019683
		-	M5	24 V -	- 110 V	-	70	90	0 / 10	14	<b>0820019616</b> 0820019618
	-	-	M5	-	-	-	70	90	0 / 10	14	0820019965
	-	M5	-	-	-	-	70	90	0 / 10	14	0820019963
	-	-	M5	-	-	-	70	90	0 / 10	14	0820019966
	-	M5	-	24 V	-	-	70	90	0 / 10	14	0820019656
	-	M5	-	-	-	-	70	90	0 / 10	14	0820019964

## Directional valves → Electrically operated

**3/2-way valve, Series DO22**

► Qn = 61 - 70 l/min ► Plate valve with pipe connection ► Electr. connection: Plug, ISO 6952, form B ► manual override: with detent, without

Part No.	Weight	Note
	[kg]	
<b>0820019641</b>		-
0820019644		3)
0820019642	0.096	-
0820019643		-
0820019640		-
082001968	0.041	1); 2)
<b>0820019691</b>		-
0820019692	0.096	
0820019961	0.041	1); 2)
<b>0820019631</b>		-
0820019634		3)
0820019633	0.096	-
0820019630		-
0820019967	0.041	1); 2)
0820019681		-
0820019683	0.096	
<b>0820019616</b>		-
0820019618	0.096	
0820019965	0.041	1); 2)
0820019963	0.041	1); 2)
0820019966	0.041	1); 2)
0820019656	0.096	-
0820019964	0.058	1); 2)

MO = Manual override

1) cannot be combined with coil with low power consumption

2) Basic valve without coil

3) Low power consumption

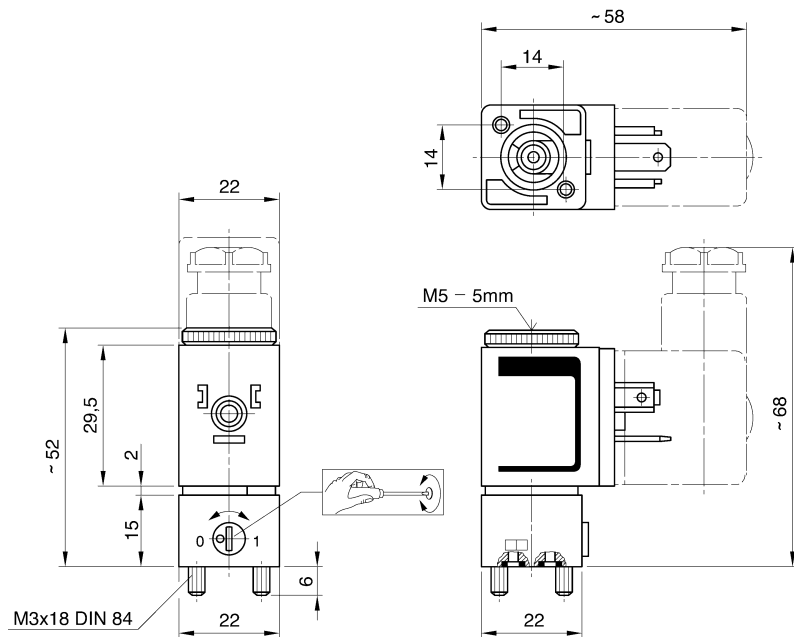
Nominal flow Qn at 6 bar and  $\Delta p = 1$  bar

## Directional valves → Electrically operated

### 3/2-way valve, Series DO22

►  $Q_n = 61 - 70 \text{ l/min}$  ► Plate valve with pipe connection ► Electr. connection: Plug, ISO 6952, form B ► manual override: with detent, without

#### Dimensions



## Directional valves → Electrically operated

**3/2-way valve, Series DO22**

► Qn = 55 - 82 l/min ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 6952, form B ► manual override: with detent, without



00110089

Version	Poppet valve
Sealing principle	soft sealing
Working pressure min./max.	See table below
Ambient temperature min./max.	See table below
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³ - 5 mg/m³
Protection class according to EN 60529: with electrical connector/plug	IP 65
Compatibility index	See table below
Duty cycle	100 %
Mounting screw	M4
Materials:	
Housing	Polyamide
Seals	Fluorocautchouc

**Technical Remarks**

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

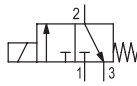
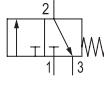
Operating voltage			Voltage tolerance			Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz
						W	VA	VA	VA	VA
-	24 V	-	-	-10% / +10%	-	-	11	-	8.5	-
24 V	-	-	-10% / +10%	-	-	4.8	-	-	-	-
24 V	-	-	-10% / +10%	-	-	2.6	-	-	-	-
-	-	110 V	-	-	-10% / +10%	-	-	9.4	-	6.9
-	230 V	-	-	-10% / +10%	-	-	12.6	-	9.7	-

	MO	Compressed air connection			Operating voltage			Flow rate value		Working pressure min./max.	Part No.
		Input	Output	Exhaust	DC	AC 50 Hz	AC 60 Hz	Qn 1►2	Qn 2►3		
								[l/min]		[bar]	
		G 1/8	G 1/8	M5	-	24 V	-	72	88	0 / 7	<b>0820019312</b>
					24 V	-	-	72	88		<b>0820019311</b>
					24 V	-	-	55	80		<b>0820019314</b>
					-	-	110 V	72	88		0820019313
					-	230 V	-	72	88		<b>0820019310</b>
		M5	G 1/8	G 1/8	24 V	-	-	82	57	0 / 7	0820019361
	-	G 1/8	G 1/8	M5	-	-	-	72	88	0 / 7	<b>0820019976</b>
					-	-	-	55	80	0 / 10	<b>0820019978</b>

## Directional valves → Electrically operated

**3/2-way valve, Series DO22**

► Qn = 55 - 82 l/min ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 6952, form B ► manual override: with detent, without

	MO	Compressed air connection			Operating voltage			Flow rate value		Working pressure min./max.	Part No.
		Input	Output	Exhaust	DC	AC 50 Hz	AC 60 Hz	Qn 1►2	Qn 2►3		
								[l/min]		[bar]	
	-	G 1/8	G 1/8	M5	-	24 V	-	72	88	0 / 7	<b>0820019302</b>
					-	24 V	-	55	80	0 / 10	<b>0820019327</b>
					24 V	-	-	72	88	0 / 7	<b>0820019301</b>
					24 V	-	-	55	80	0 / 7	0820019304
					-	-	110 V	72	88	0 / 7	<b>0820019303</b>
					-	230 V	-	72	88	0 / 7	<b>0820019300</b>
	-	G 1/8	G 1/8	M5	-	-	-	72	88	0 / 7	0820019975
Part No.	Ambient temperature min./max.			Compatibility index			Weight		Note		
	[°C]						[kg]				
<b>0820019312</b>	-10°C / +50°C			14			0.11		-		
<b>0820019311</b>	-10°C / +50°C			14			0.11		-		
<b>0820019314</b>	-15°C / +50°C			13			0.11		3)		
0820019313	-10°C / +50°C			14			0.11		-		
<b>0820019310</b>	-10°C / +50°C			14			0.11		-		
0820019361	-10°C / +50°C			14			0.11		-		
<b>0820019976</b>	-10°C / +50°C			14			0.11		1); 2)		
<b>0820019978</b>	-10°C / +50°C			14			0.11		1); 2)		
<b>0820019302</b>	-10°C / +50°C			14			0.11		-		
<b>0820019327</b>	-10°C / +50°C			14			0.11		-		
<b>0820019301</b>	-10°C / +50°C			14			0.11		-		
0820019304	-15°C / +50°C			13			0.11		3)		
<b>0820019303</b>	-10°C / +50°C			14			0.11		-		
<b>0820019300</b>	-10°C / +50°C			14			0.11		-		
0820019975	-10°C / +50°C			14			0.11		1); 2)		

MO = Manual override

1) cannot be combined with coil with low power consumption

2) Basic valve without coil

3) Low power consumption

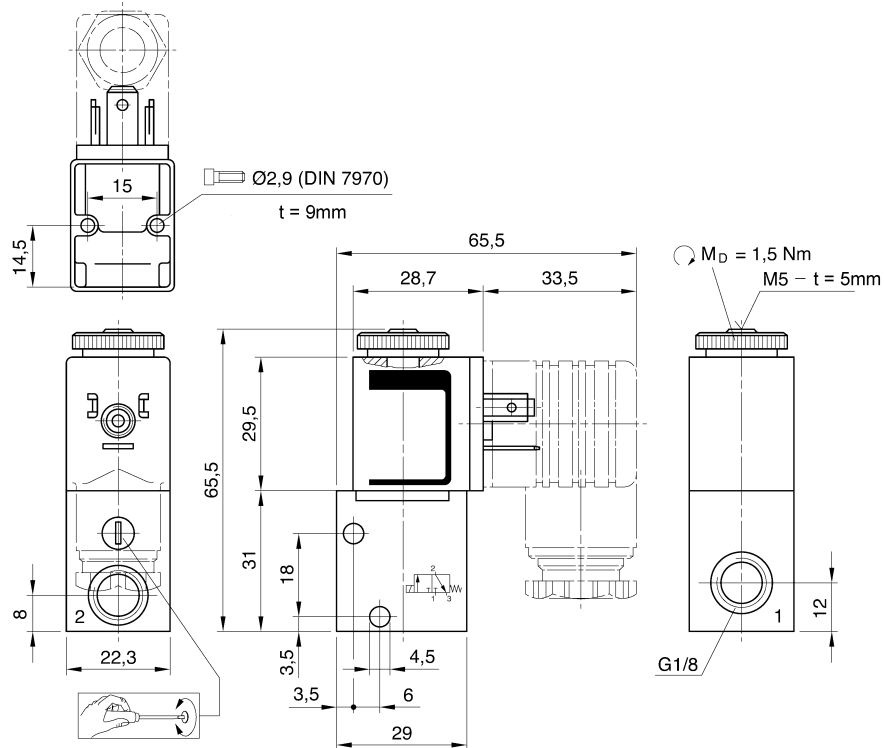
Nominal flow Qn at 6 bar and Δp = 1 bar



## Directional valves → Electrically operated

**3/2-way valve, Series DO22**


►  $Q_n = 55 - 82 \text{ l/min}$  ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 6952, form B ► manual override: with detent, without

**Dimensions**

Directional valves → Electrically operated

3/2-way valve, Series DO22

► Qn = 40 l/min ► pipe connection ► compressed air connection output: M5 ► Electr. connection: form B, industry ► Can be assembled into blocks ► single valve ► manual override: with detent ► single solenoid

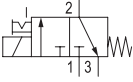
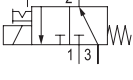


00110065

Version	Poppet valve
Sealing principle	soft sealing
Working pressure min./max.	See table below
Ambient temperature min./max.	-- / +50 °C
Medium temperature min./max.	-- / +60 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	1 mg/m³ - 5 mg/m³
Protection class according to EN 60529: with electrical connector/plug	See table below
Compatibility index	See table below
Duty cycle	100 %
Materials:	
Housing	Die cast zinc
Seals	Fluorocaoutchouc

Technical Remarks	
<div> <div>■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.</div> <div>■ The oil content of air pressure must remain constant during the life cycle.</div> <div>■ Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.</div> <div>■ If the valves are blocked, the permissible ambient temperature drops to 35°C with a 100% duty cycle.</div> </div>	

Operating voltage		Voltage tolerance		Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	DC	AC 50 Hz	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz
				W	VA	VA	VA	VA
24 V	-	-10% / +10%	-	4.8	-	-	-	-
24 V	-	-10% / +10%	-	2.6	-	-	-	-
-	110 V	-	-10% / +10%	-	11	9.4	8.5	6.9
-	230 V	-	-10% / +10%	-	12.6	10.7	9.7	7.9
-	24 V	-	-10% / +10%	-	12	9.9	8.9	7.3

		Compressed air connection			Operating voltage		Flow rate value		Working pressure min./max.	Switch-on time	Part No.
		Input	Output	Exhaust	DC	AC 50 Hz	Qn 1►2	Qn 2►3			
							[l/min]		[bar]	[ms]	
	NC	M5	M5	M5	24 V	-	40	52	0 / 10 2 / 7 0 / 10 0 / 10 0 / 10 0 / 10	22	<b>0820019006</b>
					24 V	-					<b>0820019014</b>
					-	110 V					0820019003
					-	230 V					<b>0820019001</b>
					-	24 V					0820019005
					-	-					<b>0820019990</b>
	NO	M5	M5	M5	24 V	-	40	52	0 / 10	22	<b>0820019115</b>
					-	110 V					0820019112
					-	230 V					0820019110
					-	24 V					0820019114
					-	-					0820019991

## Directional valves → Electrically operated

**3/2-way valve, Series DO22**

►  $Q_n = 40 \text{ l/min}$  ► pipe connection ► compressed air connection output: M5 ► Electr. connection: form B, industry ► Can be assembled into blocks ► single valve ► manual override: with detent ► single solenoid

Part No.	Switch-off time	Compatibility index	Protection class according to EN 60529	Weight	Note
	[ms]			[kg]	
<b>0820019006</b>	20	14	IP 65	0.134	-
<b>0820019014</b>		13	IP 65	0.134	2)
0820019003		14	IP 65	0.134	-
<b>0820019001</b>		14	IP 65	0.134	-
0820019005		14	IP 65	0.134	-
<b>0820019990</b>		14	-	0.08	1)
<b>0820019115</b>	20	14	IP 65	0.134	-
0820019112			IP 65	0.134	-
0820019110			IP 65	0.134	-
0820019114			IP 65	0.134	-
0820019991			-	0.08	1)

MO = Manual override

1) Basic valve without coil

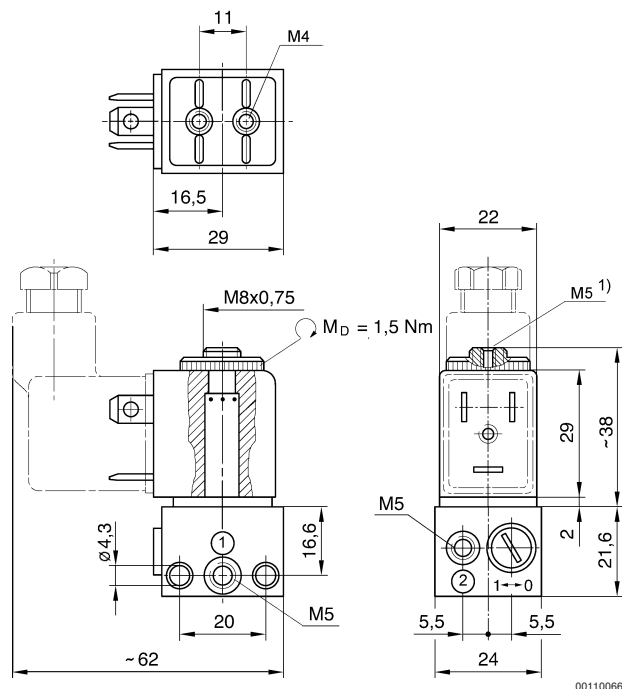
2) Low power consumption

short circuit protected

Blocking principle : Single base plate principle

Compressed air connection: according to ISO 16030

Nominal flow  $Q_n$  at 6 bar and  $\Delta p = 1 \text{ bar}$

**Dimensions**

Directional valves → Electrically operated

3/2-way valve, Series DO30

- Qn = 53 - 72 l/min ► Plate valve with pipe connection ► compressed air connection output: CNOMO  
► Electr. connection: Plug, ISO 4400, form A ► manual override: without detent, with detent

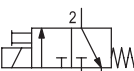



00110091

Standards	CNOMO / NFE 49-003-1
Version	Poppet valve
Sealing principle	soft sealing
Mounting on manifold strip	P-strip
Working pressure min./max.	0 bar / 10 bar
Ambient temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³ - 5 mg/m³
Protection class according to EN 60529: with electrical connector/plug	IP 65
Compatibility index	See table below
Duty cycle	100 %
Mounting screw	M4
Materials:	
Housing	Plastic
Seals	Fluorocaoutchouc

Technical Remarks										
■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.										
■ The oil content of air pressure must remain constant during the life cycle.										
■ Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.										
■ ATEX optional: ATEX version can be produced by combining the basic valve without coil with an ATEX coil. ATEX ID: see ATEX coils catalog page.										

Operating voltage			Voltage tolerance			Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	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	-	-	-10% / +10%	-	-	11.5	-	8	-
24 V	-	-	-10% / +10%	-	-	4.5	-	-	-	-
24 V	-	-	-10% / +10%	-	-	2.7	-	-	-	-
-	-	110 V	-	-	-10% / +10%	-	-	9.5	-	5.6
-	230 V	-	-	-10% / +10%	-	-	12.6	-	9.1	-

	MO	Compressed air connection			Operating voltage			Flow rate value		Compatibil- ity index	Part No.
		Input	Output	Exhaust	DC	AC 50 Hz	AC 60 Hz	Qn 1►2	Qn 2►3		
								[l/min]			
		CNOMO	CNOMO	M5	-	24 V	-	68	90	15	0820019527
					24 V	-	-	68	90	15	<b>0820019526</b>
					24 V	-	-	54	80	14	0820019529
					-	-	110 V	68	90	15	<b>0820019528</b>
					-	230 V	-	68	90	15	<b>0820019525</b>

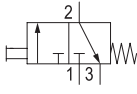

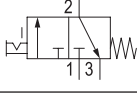

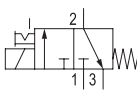

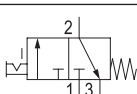

## Directional valves → Electrically operated

**3/2-way valve, Series DO30**

► Qn = 53 - 72 l/min ► Plate valve with pipe connection ► compressed air connection output: CNOMO



► Electr. connection: Plug, ISO 4400, form A ► manual override: without detent, with detent

	MO	Compressed air connection			Operating voltage			Flow rate value		Compatibil- ity index	Part No.
		Input	Output	Exhaust	DC	AC 50 Hz	AC 60 Hz	Qn 1►2	Qn 2►3		
								[l/min]			
		CNOMO CNOMO M5 M5	CNOMO	M5 M5 CNOMO CNOMO	-	-	-	68 54 72 54	90 80 105 80	15 14 15 14	<b>0820019985</b> <b>0820019986</b> <b>0820019987</b> 0820019988
		M5	CNOMO	CNOMO	-	-	-	72 53	105 81	15 14	<b>0820019982</b> 0820019983
		CNOMO	CNOMO	M5	- 24 V 24 V - -	24 V - - - 230 V	- - - 110 V -	65 65 54 65 65	80	15 15 14 15 15	<b>0820019502</b> <b>0820019501</b> 0820019504 <b>0820019503</b> <b>0820019500</b>
		CNOMO	CNOMO	M5	-	-	-	65 54	80	15 14	<b>0820019980</b> <b>0820019981</b>
Part No.	Weight						Note				
	[kg]										
0820019527 <b>0820019526</b> 0820019529 <b>0820019528</b> <b>0820019525</b>	0.16						- - 3) - -				
<b>0820019985</b> <b>0820019986</b> <b>0820019987</b> 0820019988 <b>0820019982</b> 0820019983	0.06 0.07 0.08 0.07 0.06						1); 2) 2); 3) 2) 2); 3) 2) 2); 3)				
<b>0820019502</b> <b>0820019501</b> 0820019504 <b>0820019503</b> <b>0820019500</b>	0.16						- - 3) - -				
<b>0820019980</b> <b>0820019981</b>	0.06						1); 2) 2); 3)				

MO = Manual override

1) cannot be combined with coil with low power consumption

2) Basic valve without coil

3) Low power consumption

Nominal flow Qn at 6 bar and  $\Delta p = 1$  bar

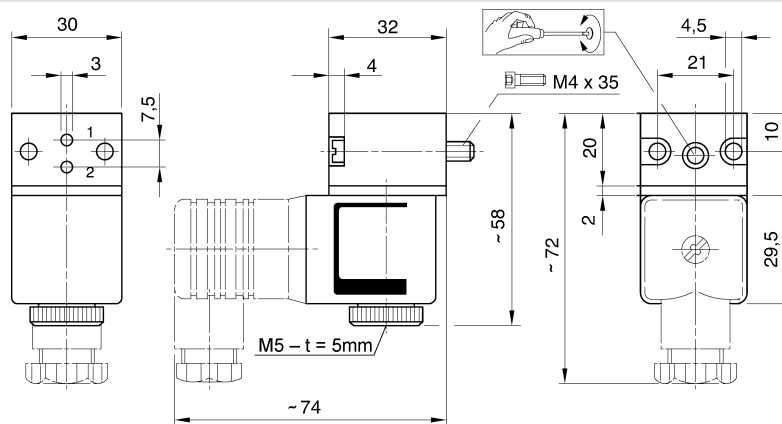
**Directional valves → Electrically operated**

### 3/2-way valve, Series DO30

- Qn = 53 - 72 l/min ► Plate valve with pipe connection ► compressed air connection output: CNOMO  
► Electr. connection: Plug, ISO 4400, form A ► manual override: without detent, with detent



## Dimensions



00110092

t = depth

## Directional valves → Electrically operated

**3/2-way valve, Series DO35**

► Qn = 100 l/min ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 4400, form A ► manual override: with detent ► NC



00110100

Version	Poppet valve
Sealing principle	soft sealing
Working pressure min./max.	0 bar / 10 bar
Ambient temperature min./max.	-- / +50 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³ - 5 mg/m³
Protection class according to EN 60529: with electrical connector/plug	IP 65
Duty cycle	100 %
Mounting screw	M5

Materials:  
Seals

Fluorocautchouc

**Technical Remarks**

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

Operating voltage			Voltage tolerance			Power consumption	Switch-on power	Holding power
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 50 Hz
						W	VA	VA
24 V	-	-	-10% / +10%	-	-	8	-	-
-	24 V	-	-	-10% / +10%	-	-	21	14
-	-	110 V	-	-	-10% / +10%	-	21	14
-	230 V	-	-	-10% / +10%	-	-	21	14

	MO	Compressed air connection			Operating voltage			Flow rate value		Note	Part No.
		Input	Output	Exhaust	DC	AC 50 Hz	AC 60 Hz	Qn 1►2	Qn 2►3		
								[l/min]			
		G 1/8	G 1/8	G 1/8	24 V	-	-	100	120	1)	<b>0820005101</b>
					-	24 V	-			1)	<b>0820005103</b>
					-	-	110 V			1)	<b>0820005102</b>
					-	230 V	-			1)	<b>0820005100</b>
					24 V	-	-			2); 3)	<b>0820005151</b>
					-	24 V	-			2); 3)	<b>0820005153</b>
					-	-	110 V			2); 3)	<b>0820005152</b>
					-	230 V	-			2); 3)	<b>0820005150</b>

MO = Manual override

1) single connecting valve

2) manifold valve

3) Blocking principle : Single base plate principle

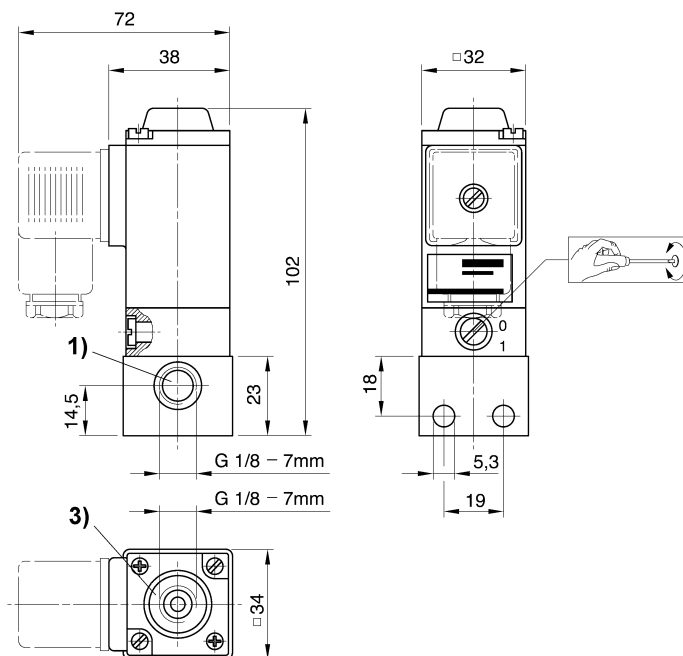
Nominal flow Qn at 6 bar and Δp = 1 bar

## Directional valves → Electrically operated

**3/2-way valve, Series DO35**

►  $Q_n = 100 \text{ l/min}$  ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 4400, form A ► manual override: with detent ► NC

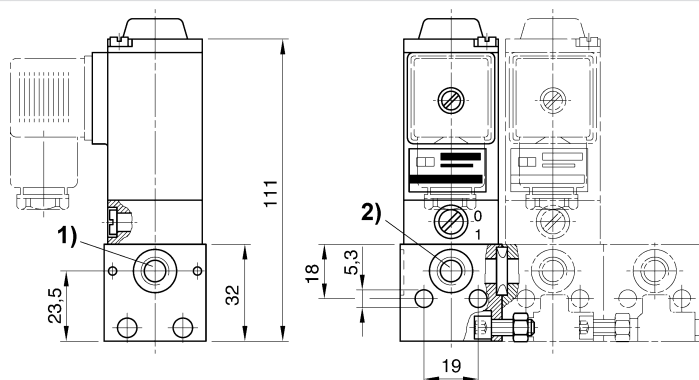
## single connecting valve



00110101

- 1) Port 1  
3) Port 3

## manifold valve



00110102

Scope of delivery: 2 screws M5x12, 2 nuts M5 DIN 934, 1 O-ring

- 1) Port 1  
2) Port 2



## Directional valves → Electrically operated

**3/2-way valve, Series DO35**

► Qn = 100 l/min ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 4400, form A ► manual override: with detent ► NO



00110100

Version	Poppet valve
Sealing principle	soft sealing
Working pressure min./max.	0 bar / 10 bar
Ambient temperature min./max.	-- / +50 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³ - 5 mg/m³
Protection class according to EN 60529: with electrical connector/plug	IP 65
Duty cycle	100 %
Mounting screw	M5

Materials:

Seals

Fluorocautouc

**Technical Remarks**

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

Operating voltage			Voltage tolerance			Power consumption	Switch-on power	Holding power
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 50 Hz
						W	VA	VA
24 V	-	-	-10% / +10%	-	-	8	-	-
-	24 V	-	-	-10% / +10%	-	-	-	-
-	-	110 V	-	-	-10% / +10%	-	-	-
-	230 V	-	-	-10% / +10%	-	-	21	14

	MO	Compressed air connection			Operating voltage			Flow rate value		Note	Part No.
		Input	Output	Exhaust	DC	AC 50 Hz	AC 60 Hz	Qn 1►2	Qn 2►3		
								[l/min]			
		G 1/8	G 1/8	G 1/8	24 V	-	-	100	120	1)	<b>0820005201</b>
					-	24 V	-			1)	0820005203
					-	-	110 V			1)	0820005202
					-	230 V	-			1)	<b>0820005200</b>
					24 V	-	-			2); 3)	<b>0820005251</b>
					-	24 V	-			2); 3)	0820005253
					-	-	110 V			2); 3)	<b>0820005252</b>
					-	230 V	-			2); 3)	<b>0820005250</b>

MO = Manual override

1) single connecting valve

2) manifold valve

3) Blocking principle : Single base plate principle

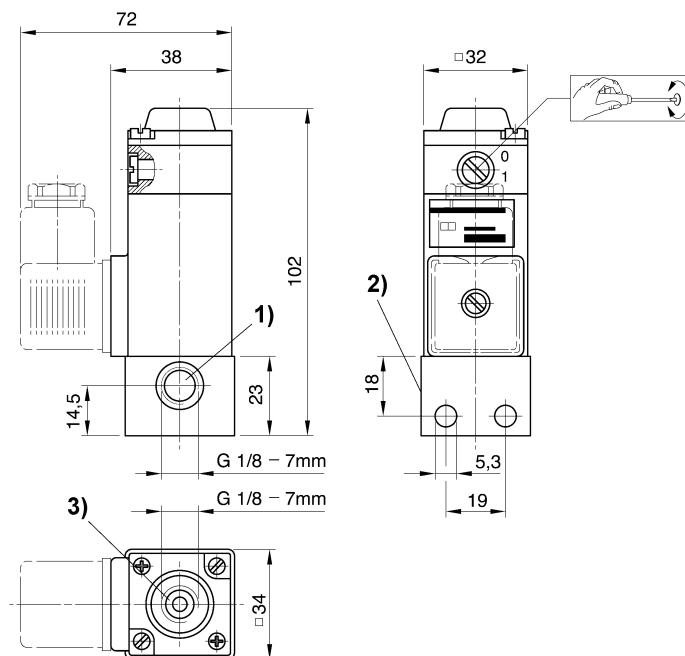
Nominal flow Qn at 6 bar and Δp = 1 bar

## Directional valves → Electrically operated

**3/2-way valve, Series DO35**

►  $Q_n = 100 \text{ l/min}$  ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 4400, form A ► manual override: with detent ► NO

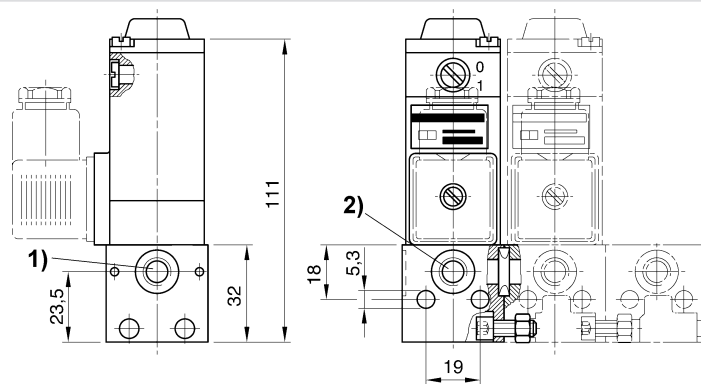
## single connecting valve



00110104

- 1) Port 1
- 2) Port 2
- 3) Port 3

## manifold valve



00110105

- 1) Port 1
- 2) Port 2

## Directional valves → Electrically operated

**Series DO**  
**Accessories**
**Electrical connector, Series CN1**
**► ISO 4400 ► Electrical connector, form A**

Ambient temperature min./max.  
 Protection class according to EN 60529:  
 mounting screw tightening torque

-40 °C / +90 °C  
 IP 65  
 0.4 Nm



00110264\_a

**Technical Remarks**

- The specified protection class is valid only in assembled and tested state.

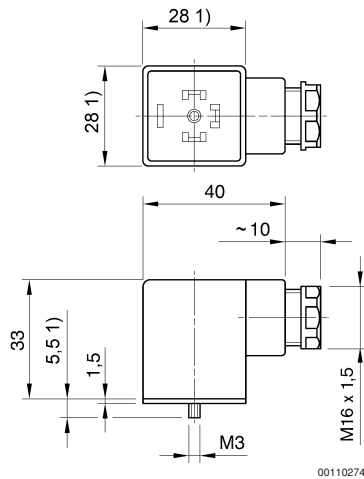
	Cable fitting	Operating voltage		Contact assignment	Cable exit	Protective circuit	suitable cable-Ø min./max	Part No.
		DC	AC					
		[V]	[V]				[mm]	
	M16x1,5	24	24	2+E	angled 90°	Z-diode	5 / 8	1834484101
	M16x1,5	-	110 230	2+E	angled 90°	Varistor	5 / 8	<b>1834484102</b> <b>1834484103</b>
Part No.	number of plug options 1		LED status display		Housing color		Weight	
							[kg]	
1834484101	4 positions each 90°		Yellow		Transparent		0.03	
<b>1834484102</b> <b>1834484103</b>	4 positions each 90°		Red		Transparent		0.03	

1) electrical connector with status display (2 LED) for pressure sensor

Directional valves → Electrically operated

Series DO  
Accessories

Dimensions



1) max.

Electrical connectors, Series CN1  
► ISO 4400 ► Electrical connector, form A ► with cable

Ambient temperature min./max. -20 °C / +80 °C  
Protection class according to EN 60529 IP 67  
Tightening torque for mounting screws 0.4 Nm



00110292\_b

	Electrical interface	Number of plug options	Operating voltage		Contact assignment	LED status display	Housing color	Part No.
	[Port 1]	[for port 1]	[V DC]	[V AC]				
	Electrical connector, form A	2 positions each 180°	230	230	2+E	-	Black	<b>1834484160</b> 1834484161
	Electrical connector, form A	2 positions each 180°	24	24	2+E	Yellow	Transparent	<b>1834484162</b> <b>1834484163</b>
	Electrical connector, form A	2 positions each 180°	230	230	2+E	Red	Transparent	<b>1834484164</b> <b>1834484165</b>

## Directional valves → Electrically operated

**Series DO**  
**Accessories**

Part No.	Cable length	Weight	Note
	[m]	[kg]	
<b>1834484160</b>	3	0.2	Fig. 1
1834484161	5	0.31	
<b>1834484162</b>	3	0.2	Fig. 2
<b>1834484163</b>	5	0.31	
<b>1834484164</b>	3	0.2	Fig. 2
<b>1834484165</b>	5	0.31	

Fig. 1

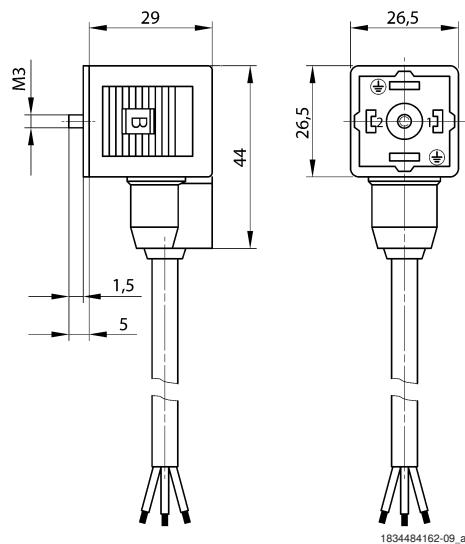
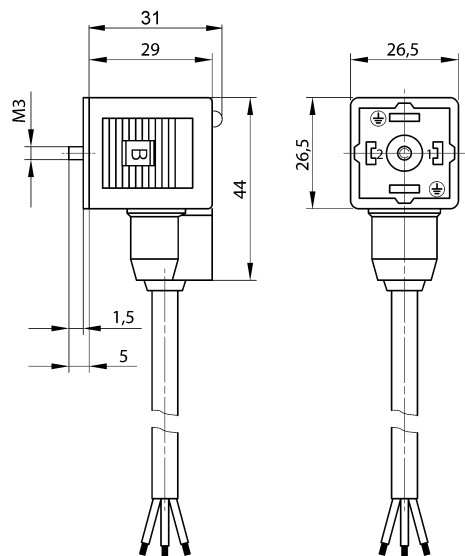


Fig. 2



Directional valves → Electrically operated

Series DO  
Accessories

Electrical connectors, Series CN1  
► ISO 6952 ► Electrical connector, form B

Ambient temperature min./max. -25 °C / +40 °C  
Protection class according to EN 60529: IP 65  
Cable fitting M16x1,5  
mounting screw tightening torque 0.4 Nm

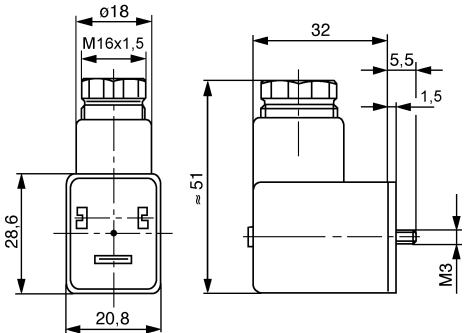


00110264\_b

	Operating voltage		Max. current	Contact assignment	Cable exit	Protective circuit	suitable cable-Ø min./max	Part No.
	DC	AC						
	[V]	[V]	[A]				[mm]	
	230	230	10	2+E	angled 90°	-	5 / 8	1834484096
	24	24	-	2+E	angled 90°	Z-diode	5 / 8	1834484104
	-	110	-	2+E	angled 90°	Varistor	5 / 8	<b>1834484105</b>
	-	230						<b>1834484106</b>

Part No.	number of plug options 1	LED status display	Housing color	Weight	Note
				[kg]	
1834484096	2 positions each 180°	-	Black	0.02	Fig. 1
1834484104	2 positions each 180°	Yellow	Transparent	0.02	Fig. 2
<b>1834484105</b> <b>1834484106</b>	2 positions each 180°	Red	Transparent	0.02	Fig. 2

Fig. 1



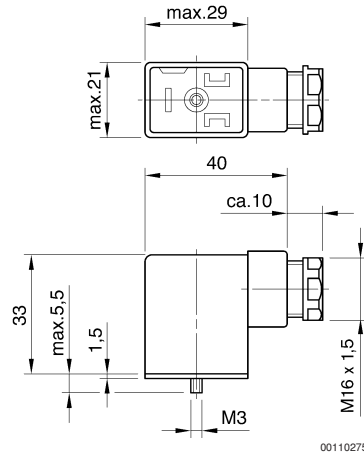
00110261\_c

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for detailed information  
Pneumatics catalog, online PDF, as of 2010-02-01, © Bosch Rexroth AG, subject to change

## Directional valves → Electrically operated

Series DO  
Accessories

Fig. 2



00110275

## Electrical connectors, Series CN1

## ► ISO 6952 ► Electrical connector, form B ► with cable

Ambient temperature min./max.  
Protection class according to EN 60529  
Cable exit  
Tightening torque for mounting screws

-20 °C / +80 °C  
IP 67  
angled 90°  
0.4 Nm



00110292\_a

	Electrical interface	Number of plug options	Operating voltage		Max. current	Protective circuit	Contact assignment	Part No.
	[Port 1]	[for port 1]	[V DC]	[V AC]	[A]			
	Electrical connector, form B	1 position	230	230	10	-	2+E	<b>1834484148</b>
								1834484149
								<b>1834484150</b>
								1834484151
	Electrical connector, form B	1 position	24	24	10	Z-diode	2+E	<b>1834484152</b>
								<b>1834484153</b>
								<b>1834484154</b>
								<b>1834484155</b>
	Electrical connector, form B	1 position	230	230	10	Varistor	2+E	<b>1834484156</b>
								1834484157
								<b>1834484158</b>
								1834484159

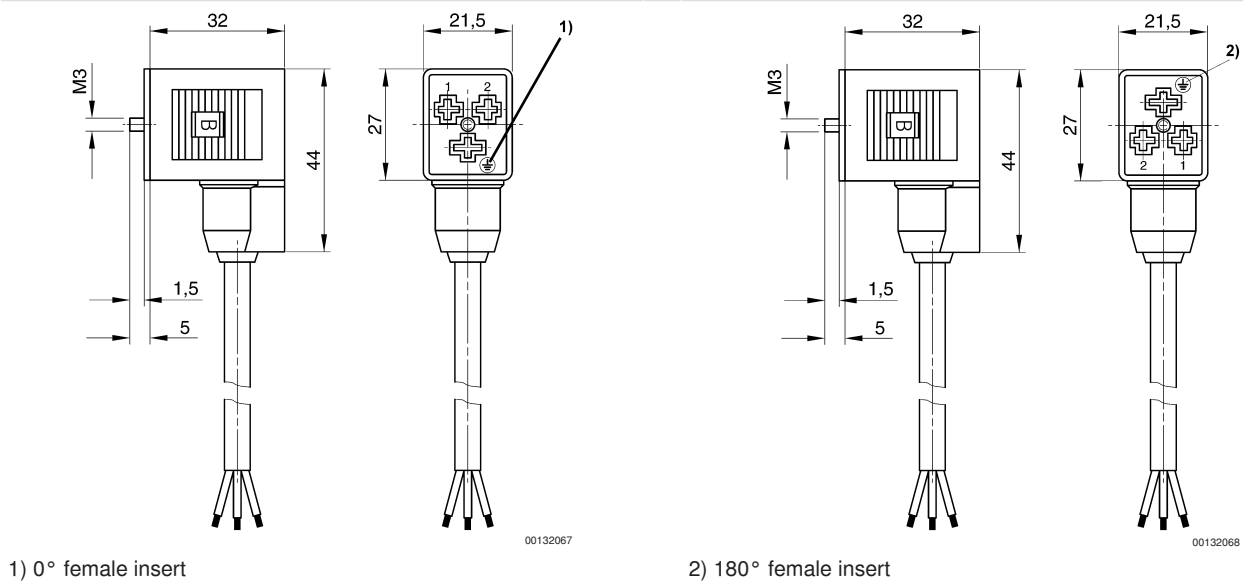
Directional valves → Electrically operated

Series DO  
Accessories

Part No.	LED status display	Housing color	Cable length	Weight	Note
			[m]	[kg]	
<b>1834484148</b>	-	Black	3	0.2	Fig. 1
1834484149			3	0.2	Fig. 2
<b>1834484150</b>			5	0.31	Fig. 1
1834484151			5	0.31	Fig. 2
<b>1834484152</b>	Yellow	Black	3	0.2	Fig. 3
<b>1834484153</b>			3	0.2	Fig. 4
<b>1834484154</b>			5	0.31	Fig. 3
<b>1834484155</b>			5	0.31	Fig. 4
<b>1834484156</b>	Red	Black	3	0.2	Fig. 3
1834484157			3	0.2	Fig. 4
<b>1834484158</b>			5	0.31	Fig. 3
1834484159			5	0.31	Fig. 4

Fig. 1

Fig. 2

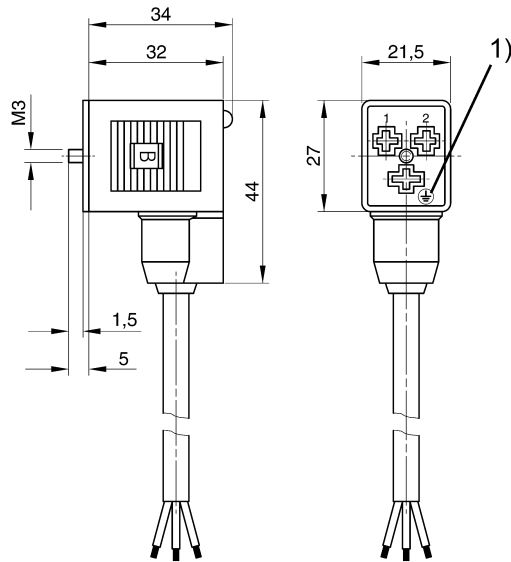




## Directional valves → Electrically operated

Series DO  
Accessories

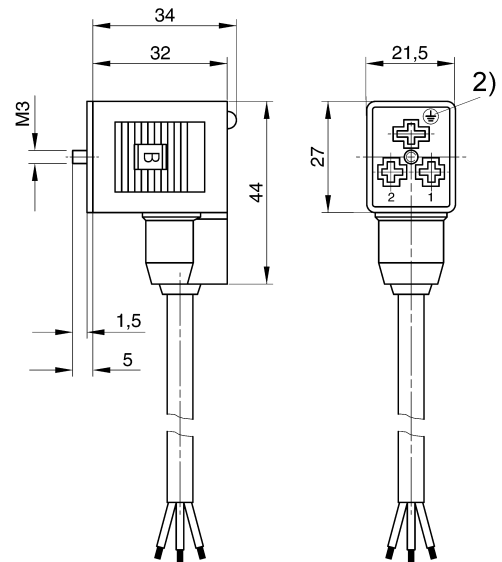
Fig. 3



1) 0° female insert

00132066

Fig. 4



2) 180° female insert

00132069

## Electrical connectors, Series CN1

## ► ISO 15217:2000 ► Electrical connector, form C



4400-141

Ambient temperature min./max.  
Protection class according to EN 60529:  
Cable fitting  
mounting screw tightening torque

-40°C / +90°C  
IP 65  
M12x1,5  
0.4 Nm

	Operating voltage		Contact assignment	Cable exit	Protective circuit	number of plug options 1	Part No.
	DC	AC					
	[V]	[V]					
	-	-	2+E	angled 90°	-	4 positions each 90°	1834484187
	24	24	2+E	angled 90°	Z-diode	4 positions each 90°	4402050330
Part No.	LED status display		Housing color		Weight		Note
					[kg]		
1834484187	-		Black		0.012		Fig. 1
4402050330	Yellow		Transparent		0.014		Fig. 2

Directional valves → Electrically operated

Series DO  
Accessories

Fig. 1

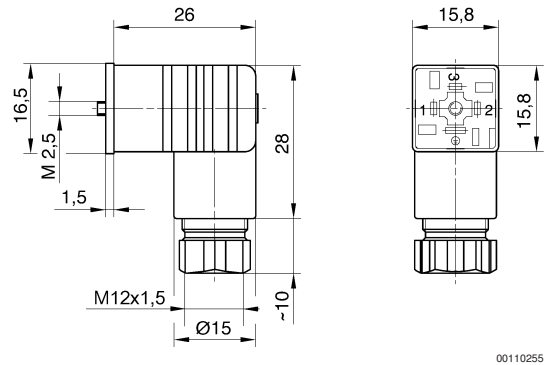
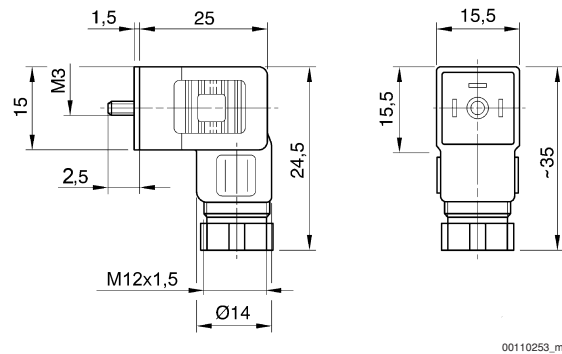


Fig. 2

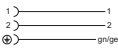


Electrical connectors, Series CN1

► ISO 15217:2000 ► Electrical connector, form C ► with cable



Ambient temperature min./max. -20 °C / +80 °C  
Protection class according to EN 60529 IP 67  
Cable exit angled 90°  
Tightening torque for mounting screws 0.4 Nm

	Electrical interface	Number of plug options	Operating voltage		Max. current	Protective circuit	Contact assignment	Part No.
	[Port 1]	[for port 1]	[V DC]	[V AC]	[A]			
	Electrical connector, form C	1 position	-	-	6	-	2+E	<b>1834484212</b> <b>1834484213</b> <b>1834484214</b> <b>1834484215</b>

## Directional valves → Electrically operated

Series DO  
Accessories

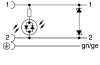
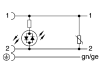
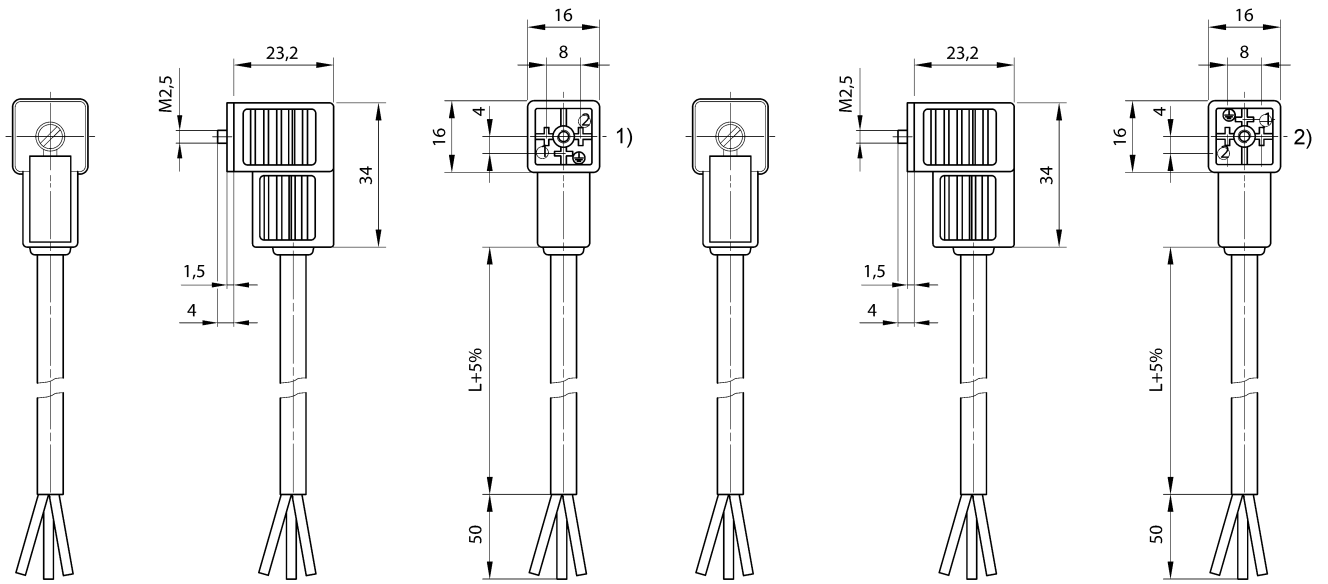
	Electrical interface	Number of plug options	Operating voltage		Max. current	Protective circuit	Contact assignment	Part No.
			[V DC]	[V AC]				
	Electrical connector, form C	1 position	24	24	6	Z-diode	2+E	<b>1834484204</b> <b>1834484205</b> <b>1834484206</b> <b>1834484207</b> <b>1834484236</b>
	Electrical connector, form C	1 position	-	230	6	Varistor	2+E	<b>1834484208</b> <b>1834484209</b> <b>1834484210</b> <b>1834484211</b>
Part No.	LED status display	Housing color	Number of wires		Cable length	Weight	Note	
					[m]	[kg]		
<b>1834484212</b>	-	Black	-	-	3	0.183	Fig. 1	
<b>1834484213</b>					3	0.183	Fig. 2	
<b>1834484214</b>					5	0.308	Fig. 1	
<b>1834484215</b>					5	0.308	Fig. 2	
<b>1834484204</b>	Yellow	Black	2	2	3	0.185	Fig. 3	
<b>1834484205</b>			2	2	3	0.185	Fig. 4	
<b>1834484206</b>			2	2	5	0.292	Fig. 3	
<b>1834484207</b>			-	-	5	0.298	Fig. 4	
<b>1834484236</b>			-	-	10	0.571	Fig. 4	
<b>1834484208</b>	Red	Black	-	-	3	0.171	Fig. 3	
<b>1834484209</b>					3	0.194	Fig. 4	
<b>1834484210</b>					5	0.297	Fig. 3	
<b>1834484211</b>					5	0.285	Fig. 4	

Fig. 1

Fig. 2



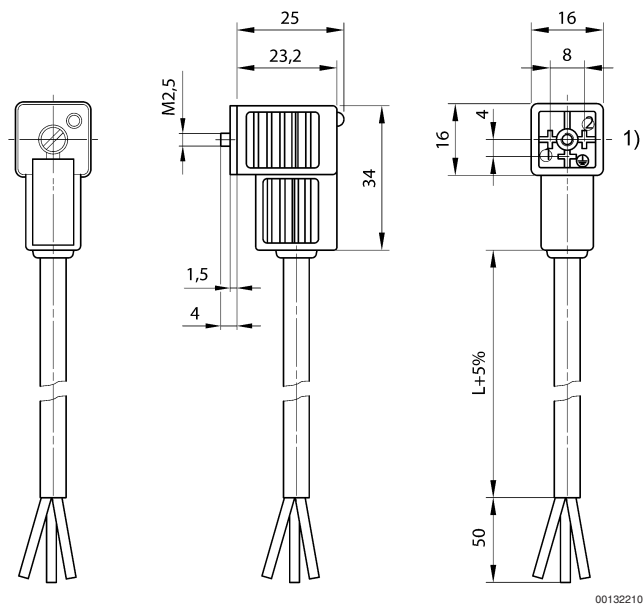
1) 0° female insert

2) 180° female insert

## Directional valves → Electrically operated

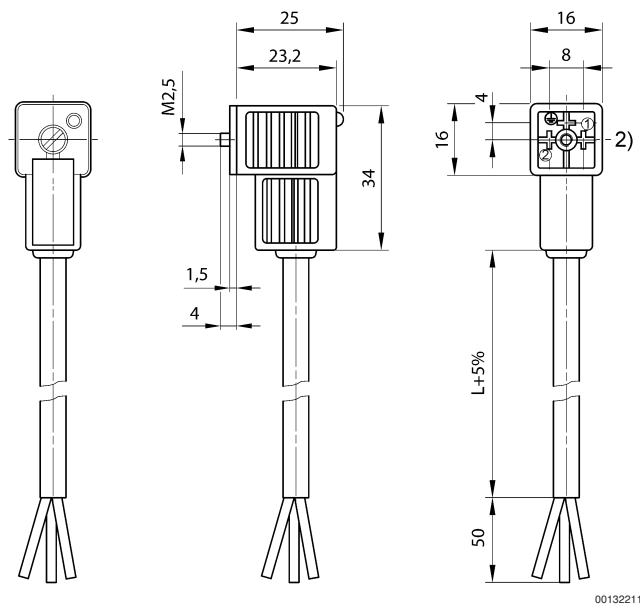
Series DO  
Accessories

Fig. 3



1) 0° female insert

Fig. 4



2) 180° female insert

## Coil, Series CO1

► Coil width 30 mm ► form A



Connector standard  
electrical connections  
Ambient temperature min./max.  
Protection class according to EN  
60529:2000, with electrical connector  
Duty cycle ED

Materials:  
Housing


EN 175301-803, form A  
Plug  
-- / +50 °C  
IP 65  
100 %

Thermoplastic elastomer

## Directional valves → Electrically operated

Series DO  
Accessories

Operating voltage			Voltage tolerance			Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	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	-	-	-10% / +10%	-	-	2.7	-	-	-	-
-	24 V	24 V	-	-20% / +10%	-10% / +20%	-	-	-	5.2	3.9
-	110 V	110 V	-	-20% / +10%	-10% / +20%	-	-	-	4.8	3.6
-	230 V	230 V	-	-20% / +10%	-10% / +20%	-	-	-	5.6	4.2
110 V	220 V	230 V	-10% / +10%	-10% / +10%	-10% / +10%	6	11.5	12.6	8	9.1
-	110 V	110 V	-	-10% / +10%	-10% / +10%	-	11.5	10.8	8	6.4
12 V	24 V	24 V	-10% / +10%	-10% / +10%	-10% / +10%	6.2	11.5	9.5	7.4	5.2
24 V	-	-	-10% / +10%	-10% / +10%	-10% / +10%	4.4	-	-	-	-

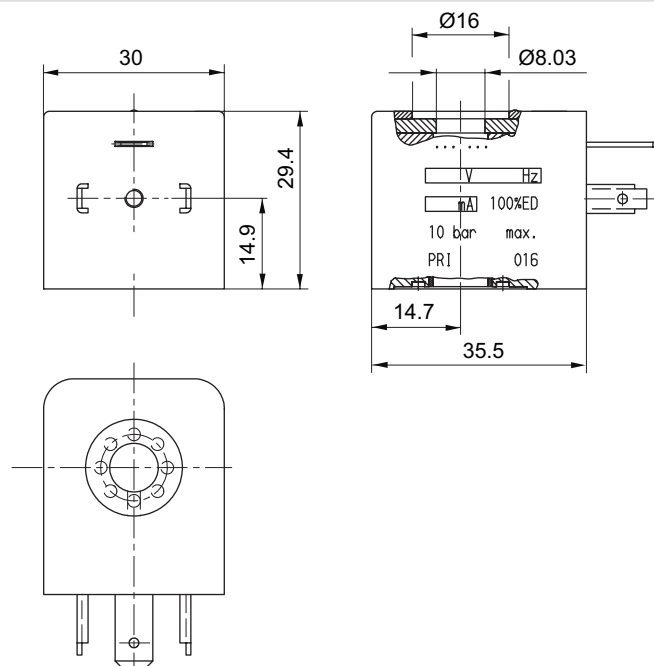
	Operating voltage			Compatibility index	Weight	Part No.
	DC	AC 50 Hz	AC 60 Hz			
					[kg]	
	24 V	-	-	14	0.096	<b>5420897022</b>
	-	24 V	24 V	14	0.096	5428117022
	-	110 V	110 V	14	0.096	5428117072
	-	230 V	230 V	14	0.096	5428117082
	110 V	220 V	230 V	15	0.11	<b>1824210220</b>
	-	110 V	110 V	15	0.11	<b>1824210221</b>
	12 V	24 V	24 V	15	0.11	<b>1824210222</b>
	24 V	-	-	15	0.11	<b>1824210223</b>

## Directional valves → Electrically operated

## Series DO

### Accessories

#### Dimensions



00135722

## Coil, Series CO1

► Coil width 22 mm ► form B



00135726

Connector standard  
electrical connections  
Ambient temperature min./max.  
Protection class according to EN  
60529:2000, with electrical connector  
Duty cycle ED

Materials:  
Housing

EN 175301-803, form B  
Plug  
-- / +50 °C  
IP 65  
100 %

Thermoplastic elastomer

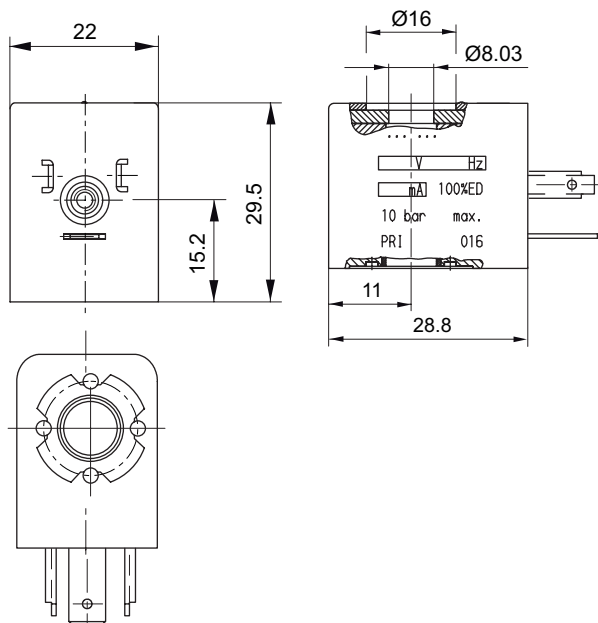
## Directional valves → Electrically operated

Series DO  
Accessories

Operating voltage			Voltage tolerance			Power consumption	Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	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	-	-	-10% / +10%	-10% / +10%	-10% / +10%	2.6	-	-	-	-
110 V	220 V	230 V	-10% / +10%	-10% / +10%	-10% / +10%	4.9	12.6	10.2	9.7	7.9
60 V	110 V	110 V	-10% / +10%	-10% / +10%	-10% / +10%	5.9	11	9.4	8.4	6.8
12 V	24 V	24 V	-10% / +10%	-10% / +10%	-10% / +10%	5.5	12	9.9	8.9	7.3
48 V	-	-	-10% / +10%	-10% / +10%	-10% / +10%	5	-	-	-	-
24 V	48 V	48 V	-10% / +10%	-10% / +10%	-10% / +10%	4.8	10.5	9.4	7.7	6.2

	Operating voltage			Compatibility index	Weight	Part No.
	DC	AC 50 Hz	AC 60 Hz			
					[kg]	
	24 V	-	-	13	0.07	<b>1824210245</b>
	110 V	220 V	230 V	14		<b>1824210235</b>
	60 V	110 V	110 V	14		<b>1824210237</b>
	12 V	24 V	24 V	14		1824210239
	48 V	-	-	14		1824210241
	24 V	48 V	48 V	14		<b>1824210243</b>

## Dimensions



00135723

Directional valves → Electrically operated

Series DO  
Accessories

Manifold block, Series DO10  
► compressed air connection output: M3



00110047

Version	Single plug-in wiring
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Working pressure min./max.	0 bar / 8 bar
Grid dimension	11 mm
Mounting screw	M1.6
Direction of pneumatic port (2,4)	On the side
Exhaust (3,5)	With directional exhaust (3/5)
Materials:	
Subbase	Aluminum

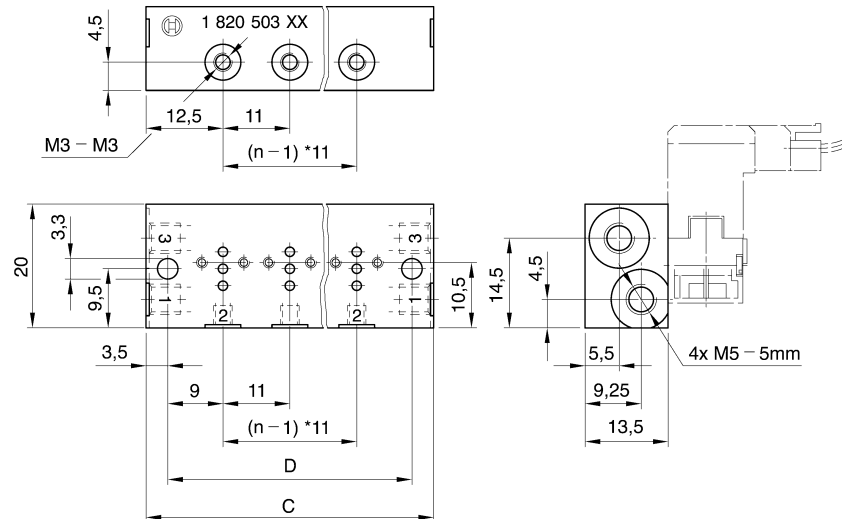
Technical Remarks
■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
■ The oil content of air pressure must remain constant during the life cycle.
■ Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

Compressed air connection			Number of valve positions	Weight	Part No.
Input	Output	Exhaust			
[1]	[2 / 4]	[3 / 5]		[kg]	
M5	M3	M5	2	0.022	1825503495
			3	0.03	1825503496
			4	0.037	1825503497
			5	0.044	1825503498
			6	0.51	1825503499
			7	0.058	1825503500
			8	0.065	1825503501
			9	0.071	1825503502
			10	0.077	1825503503

Scope of delivery incl. seal and mounting screws

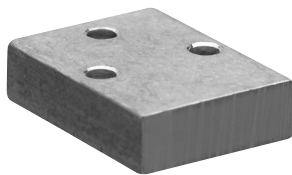


## Directional valves → Electrically operated

**Series DO**  
**Accessories**
**Dimensions**


00110050

Part No.	C	D										
1825503495	36	29										
1825503496	47	40										
1825503497	58	51										
1825503498	69	62										
1825503499	80	73										
1825503500	91	84										
1825503501	102	95										
1825503502	113	106										
1825503503	124	117										

**Blanking plate, Series DO10**


00110048

Ambient temperature min./max.  
 Medium temperature min./max.  
 Medium  
 Working pressure min./max.  
 Number of valve positions  
 Grid dimension  
 Mounting screw

-10°C / +50°C  
 -10°C / +50°C  
 Compressed air  
 0 bar / 8 bar  
 1  
 11 mm  
 M1.6

Materials:  
 Housing  
 Seals  
 Screws

Aluminum  
 Acrylonitrile Butadiene Rubber  
 Steel, galvanized

Directional valves → Electrically operated

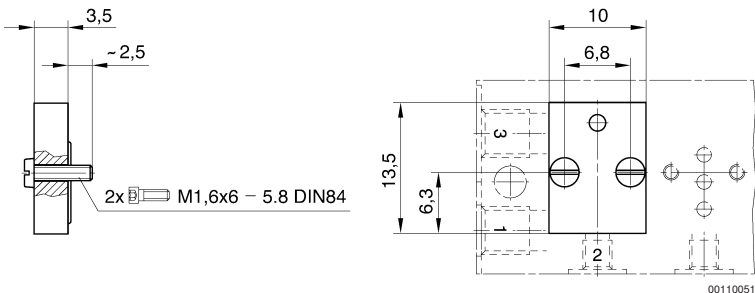
Series DO  
Accessories

Technical Remarks
<ul style="list-style-type: none"> <li>■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.</li> <li>■ The oil content of air pressure must remain constant during the life cycle.</li> <li>■ Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.</li> </ul>

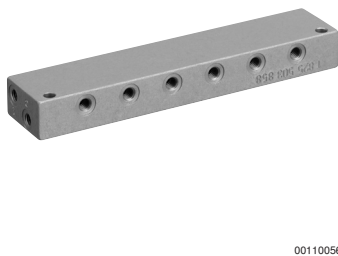
Weight	Part No.
[kg]	
0.101	1825503504

Scope of delivery incl. seal and mounting screws

Dimensions



Manifold block, Series DO16  
► compressed air connection output: M5



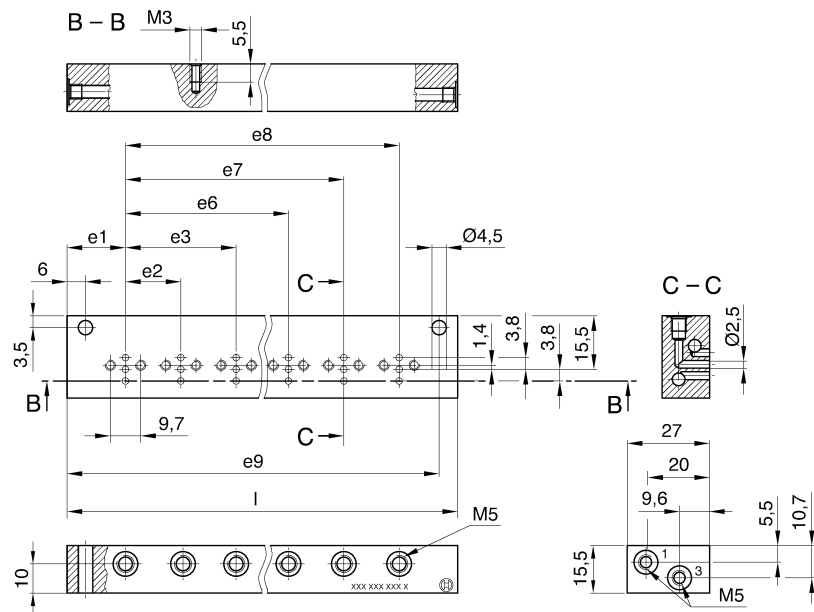
Version	Single plug-in wiring
Ambient temperature min./max.	-15 °C / +50 °C
Medium temperature min./max.	-15 °C / +50 °C
Medium	Compressed air
Working pressure min./max.	0 bar / 10 bar
Grid dimension	18 mm
Surface	anodized
Mounting screw	M3
Direction of pneumatic port (2,4)	On the side
Exhaust (3,5)	With directional exhaust (3/5)
Materials:	
Subbase	Aluminum

Technical Remarks
<ul style="list-style-type: none"> <li>■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.</li> <li>■ The oil content of air pressure must remain constant during the life cycle.</li> <li>■ Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.</li> </ul>

## Directional valves → Electrically operated

**Series DO**  
**Accessories**

Compressed air connection			Number of valve positions	Weight	Part No.
Input	Output	Exhaust			
[1]	[2 / 4]	[3 / 5]		[kg]	
M5	M5	M5	1	0.039	<b>1825503853</b>
			2	0.061	1825503854
			3	0.076	1825503855
			4	0.098	1825503856
			5	0.11	1825503857
			6	0.135	1825503858
			8	0.17	1825503859

**Dimensions**


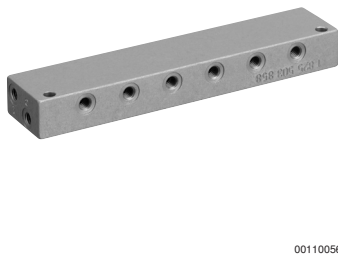
00110063

Part No.	I	e1	e2	e3	e4	e5	e6	e7	e8	e9		
<b>1825503853</b>	38	19	—	—	—	—	—	—	—	32		
1825503854	56	19	18	—	—	—	—	—	—	50		
1825503855	74	19	18	36	—	—	—	—	—	68		
1825503856	92	19	18	36	54	—	—	—	—	86		
1825503857	110	19	18	36	54	72	—	—	—	104		
1825503858	128	19	18	36	54	72	90	—	—	122		
1825503859	164	19	18	36	54	72	90	108	126	158		

Directional valves → Electrically operated

Series DO  
Accessories

Manifold block, Series DO16  
► compressed air connection output: Ø 4



Version	Single plug-in wiring
Ambient temperature min./max.	-15 °C / +50 °C
Medium temperature min./max.	-15 °C / +50 °C
Medium	Compressed air
Working pressure min./max.	0 bar / 10 bar
Grid dimension	18 mm
Surface	anodized
Mounting screw	M3
Direction of pneumatic port (2,4)	On the side
Exhaust (3,5)	With directional exhaust (3/5)
Materials:	
Subbase	Aluminum
Push-in fitting	Brass

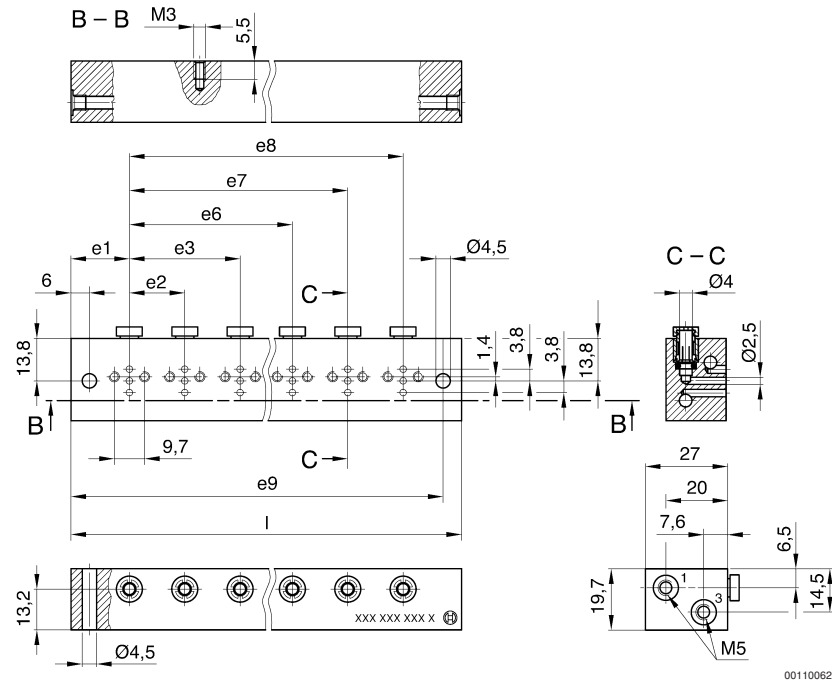
Technical Remarks
<ul style="list-style-type: none"> <li>■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.</li> <li>■ The oil content of air pressure must remain constant during the life cycle.</li> <li>■ Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.</li> </ul>

Compressed air connection			Number of valve positions	Weight	Part No.
Input	Output	Exhaust			
[1]	[2 / 4]	[3 / 5]		[kg]	
M5	Ø 4	M5	1	0.052	1825503860
		M5	2	0.075	1825503861
		M5	3	0.103	<b>1825503862</b>
		M5	4	0.13	1825503863
		M5	5	0.155	1825503864
		Ø 4	6	0.173	<b>1825503865</b>
		Ø 4	8	0.239	<b>1825503866</b>

**Directional valves → Electrically operated**

## Series DO Accessories

## Dimensions



Part No.	l	e1	e2	e3	e4	e5	e6	e7	e8	e9		
1825503860	38	19	—	—	—	—	—	—	—	32		
1825503861	56	19	18	—	—	—	—	—	—	50		
<b>1825503862</b>	74	19	18	36	—	—	—	—	—	68		
1825503863	92	19	18	36	54	—	—	—	—	86		
1825503864	110	19	18	36	54	72	—	—	—	104		
<b>1825503865</b>	128	19	18	36	54	72	90	—	—	122		
<b>1825503866</b>	164	19	18	36	54	72	90	108	126	158		

### Blanking plate, Series DO16



Ambient temperature min./max.	-15°C / +50°C
Medium temperature min./max.	-15°C / +50°C
Medium	Compressed air
Working pressure min./max.	0 bar / 10 bar
Number of valve positions	1
Grid dimension	18 mm
Mounting screw	M3

Materials:	
Housing	Polyamide
Screws	Steel, galvanized

Directional valves → Electrically operated

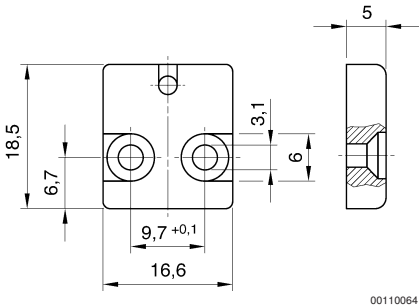
Series DO  
Accessories

Technical Remarks
<ul style="list-style-type: none"><li>■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.</li><li>■ The oil content of air pressure must remain constant during the life cycle.</li><li>■ Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.</li></ul>

Weight	Part No.
[kg]	
0.004	1825503390

Scope of delivery incl. seal and mounting screws

Dimensions



00110064

Manifold block, Series DO22  
► compressed air connection output: M5



Medium Exhaust (3,5)	Compressed air With directional exhaust (3/5)
Materials: Subbase	Aluminum

00110073

Technical Remarks
<ul style="list-style-type: none"><li>■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.</li><li>■ The oil content of air pressure must remain constant during the life cycle.</li><li>■ Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.</li></ul>



Directional valves → Electrically operated

Series DO  
Accessories

Manifold block, Series DO22  
► compressed air connection output: Ø 4



00110074

Version	Single plug-in wiring
Medium	Compressed air
Working pressure min./max.	0 bar / 10 bar
Grid dimension	23 mm
Mounting screw	M3
Direction of pneumatic port (2,4)	On the side
Exhaust (3,5)	With directional exhaust (3/5)
Materials:	
Subbase	Aluminum
Push-in fitting	Brass

Technical Remarks
■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
■ The oil content of air pressure must remain constant during the life cycle.
■ Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

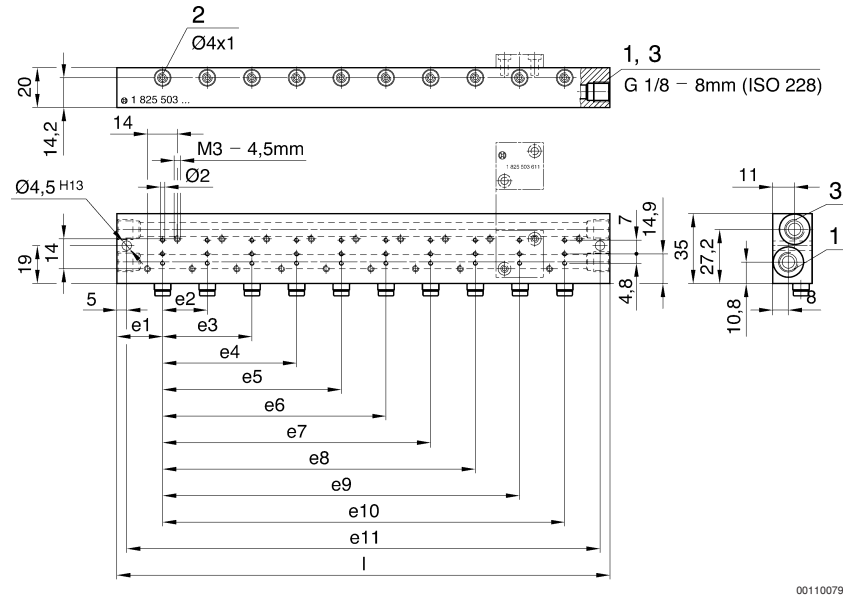
Compressed air connection			Number of valve positions	Weight	Part No.
Input	Output	Exhaust			
[1]	[2 / 4]	[3 / 5]		[kg]	
G 1/8	Ø 4	G 1/8	2	0.114	1825503602
			3	0.115	1825503603
			4	0.197	1825503604
			5	0.236	1825503605
			6	0.28	1825503606
			7	0.318	1825503607
			8	0.363	1825503608
			9	0.404	1825503609
			10	0.444	1825503610



## Directional valves → Electrically operated

Series DO  
Accessories

## Dimensions

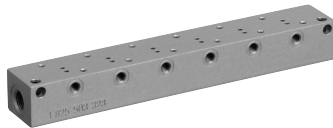


00110079

Part No.	e1	e2	e3	e4	e5	e6	e7	e8	e9	e10	e11	I
1825503602	22	23	—	—	—	—	—	—	—	—	57	67
1825503603	22	23	46	—	—	—	—	—	—	—	80	90
1825503604	22	23	46	69	—	—	—	—	—	—	103	113
1825503605	22	23	46	69	92	—	—	—	—	—	126	136
1825503606	22	23	46	69	92	115	—	—	—	—	149	159
1825503607	22	23	46	69	92	115	138	—	—	—	173	182
1825503608	22	23	46	69	92	115	138	161	—	—	195	205
1825503609	22	23	46	69	92	115	138	161	184	—	218	228
1825503610	22	23	46	69	92	115	138	161	184	207	241	251

## Manifold block, Series DO22

## ► compressed air connection output: M5



00110084

Version  
Medium  
Working pressure min./max.  
Grid dimension  
Surface  
Mounting screw  
Direction of pneumatic port (2,4)  
Exhaust (3,5)

Single plug-in wiring  
Compressed air  
0 bar / 10 bar  
23 mm  
anodized  
M3  
On the side  
unrestricted exhaust

Materials:  
Subbase

Aluminum

## Series DO Accessories

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

Compressed air connection		Number of valve positions	Weight	Part No.
Input	Output			
[1]	[2 / 4]		[kg]	
G 1/8	M5	1	0.049	<b>1825503318</b>
		2	0.079	1825503319
		3	0.1	1825503320
		4	0.126	1825503321
		5	0.154	1825503322
		6	0.181	1825503323

[illegible]

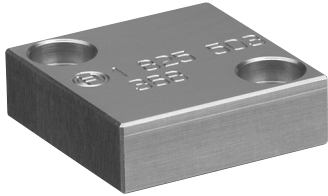
00110087

Part No.	e1	e2	e3	e4	e5	e6	e7	L				
1825503318	22	—	—	—	—	—	34	44				
1825503319	22	23	—	—	—	—	57	67				
1825503320	22	23	46	—	—	—	80	90				
1825503321	22	23	46	69	—	—	103	113				
1825503322	22	23	46	69	92	—	126	136				
1825503323	22	23	46	69	92	115	149	159				

## Directional valves → Electrically operated

Series DO  
Accessories

## Blanking plate, Series DO22



00110085

Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Working pressure min./max.	0 bar / 10 bar
Number of valve positions	1
Grid dimension	23 mm
Mounting screw	M3

## Materials:

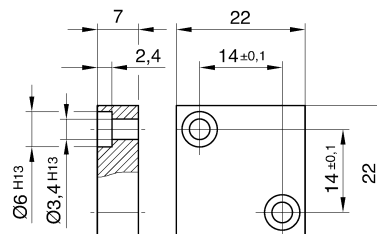
Housing	Aluminum, anodized
Seals	Acrylonitrile Butadiene Rubber
Screws	Steel, galvanized

## Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

Weight	Part No.
[kg]	
0.011	1825503368

## Dimensions



00110088

**Directional valves → Electrically operated**

## Series DO Accessories

### Single subbase, Series D022

► compressed air connection output: M5



00110076

Version  
Medium  
Working pressure min./max.  
Number of valve positions  
Mounting screw  
Direction of pneumatic port (2,4)  
Exhaust (3,5)

Single plug-in wiring  
Compressed air  
0 bar / 10 bar  
1  
M3  
On the side  
With directional exhaust (3/5)

Materials:  
Subbase

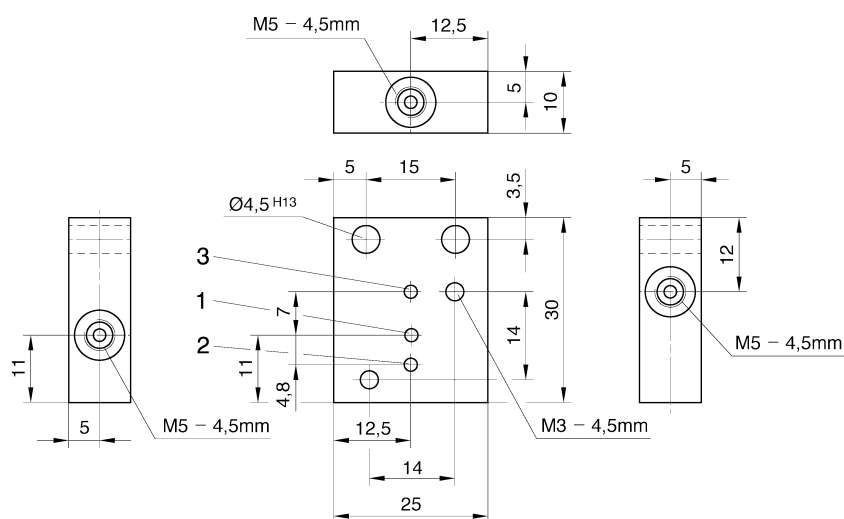
Aluminum

### Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

Compressed air connection			Weight	Part No.
Input	Output	Exhaust		
[1]	[2 / 4]	[3 / 5]	[kg]	
M5	M5	M5	0.135	1825503591

## Dimensions



00110081

## Directional valves → Electrically operated

**Series DO**  
 Accessories

**Blanking screw, gasket**  
 ▶ M5 ▶ FPT-S-RBI

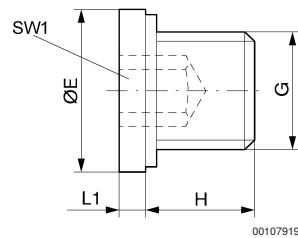
 Ambient temperature min./max.  
 Working pressure min./max.

 -20 °C / +80 °C  
 0 bar / 16 bar

## Materials:

 Screw  
 Housing  
 Seal  
 Thread

 Steel, galvanized  
 Steel, galvanized  
 Polyvinyl chloride, hard  
 Steel, galvanized

**Dimensions**


Part No.	Port G	Ø E	H	L1	SW1	Delivery quantity [Piece]						
<b>1823462016</b>	M5	SW8	4.5	3	—	25						

**Manifold block, Series DO30**

 Ambient temperature min./max.  
 Medium  
 Working pressure min./max.  
 Direction of pneumatic port (1)

 -15 °C / +80 °C  
 Compressed air  
 0 bar / 10 bar  
 On the side

## Materials:

 Subbase  
 Seals

 Aluminum  
 Acrylonitrile Butadiene Rubber

**Technical Remarks**

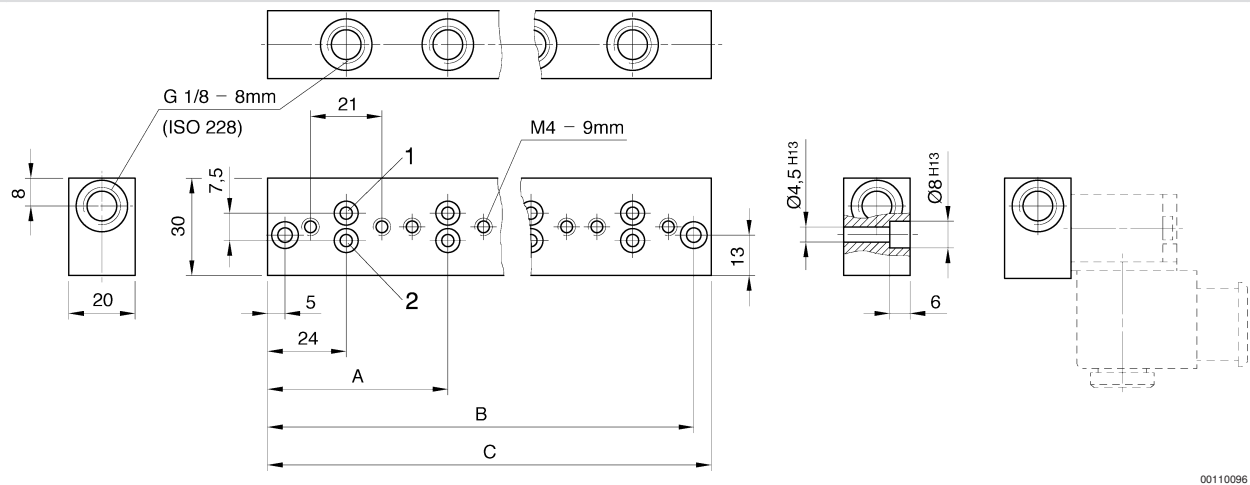
- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

Directional valves → Electrically operated

Series DO  
Accessories

Compressed air connection	Number of valve positions	Weight	Part No.
Input			
[1]		[kg]	
G 1/8	1	0.045	<b>1825503236</b>
	2	0.09	<b>1825503237</b>
	3	0.135	<b>1825503238</b>
	4	0.18	<b>1825503239</b>
	5	0.225	<b>1825503240</b>
	6	0.275	<b>1825503241</b>

Dimensions



00110096

Part No.	A	B	C									
<b>1825503236</b>	–	43	48									
<b>1825503237</b>	55	74	79									
<b>1825503238</b>	86	105	110									
<b>1825503239</b>	117	136	141									
<b>1825503240</b>	148	167	172									
<b>1825503241</b>	179	198	203									

## Directional valves → Electrically operated

**Series DO**  
 Accessories

**Blanking plate, Series DO30**

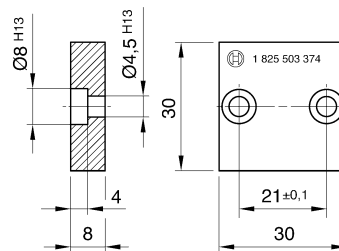

00128649

Ambient temperature min./max.	-15 °C / +50 °C
Medium temperature min./max.	-15 °C / +50 °C
Medium	Compressed air
Working pressure min./max.	0 bar / 10 bar
Number of valve positions	1
Grid dimension	31 mm
Mounting screw	M4
Materials:	
Housing	Aluminum
Screws	Steel, galvanized

**Technical Remarks**

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

Weight	Part No.
[kg]	
0.022	1825503374

**Dimensions**


00110097

Directional valves → Electrically operated

Series DO  
Accessories

Subbase, For series D035  
► compressed air connection output: G 1/8

Ambient temperature min./max.	-- / +50 °C
Medium	Compressed air
Working pressure min./max.	1 bar / 10 bar
Grid dimension	34 mm
Mounting screw	with hexagon socket
Direction of pneumatic port (2,4)	On the side



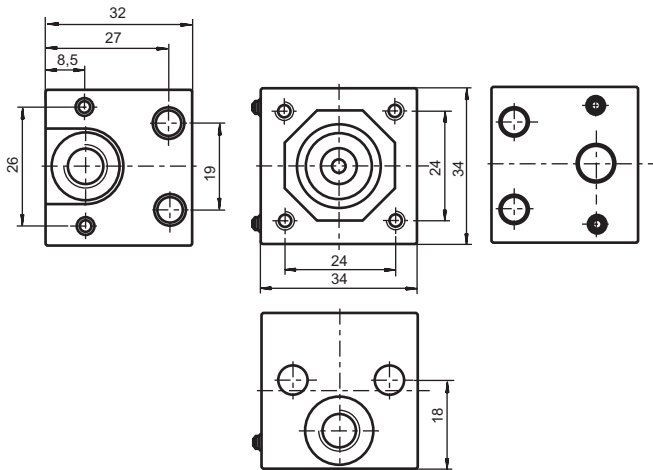
00110109

Materials:	
Subbase	Die-cast aluminum

Technical Remarks					
■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.					
■ The oil content of air pressure must remain constant during the life cycle.					
■ Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.					

Type	Compressed air connection		Weight	Note	Part No.
	Input	Output			
	[1]	[2 / 4]	[kg]		
Single subbase	G 1/8	G 1/8	0.057	Fig. 1	1825503369
Manifold subbase	G 1/8	G 1/8	0.125	Fig. 2	1825503370

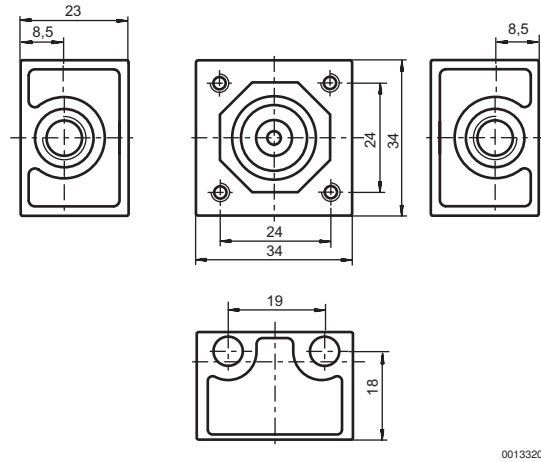
Fig. 1



00133208



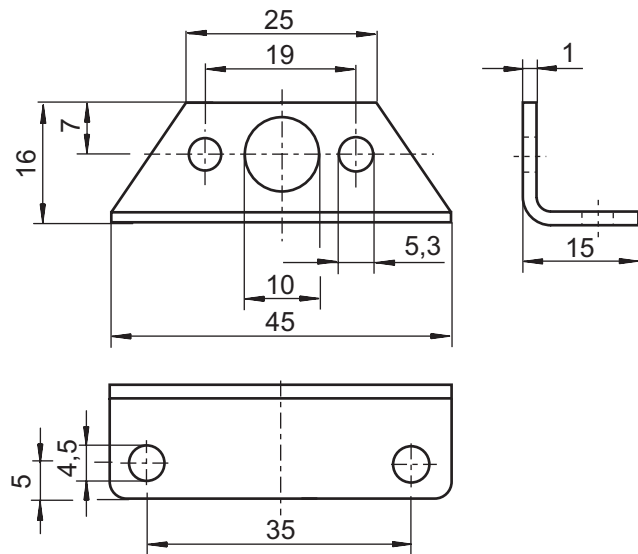
## Directional valves → Electrically operated

**Series DO**  
**Accessories**
**Fig. 2**

00133209

**Mounting bracket kit, For series DO35**

00110108



00133207

Part No.	Type	Weight [kg]	Delivery quantity [Piece]						
1827010423	Mounting bracket kit	0.03	2						

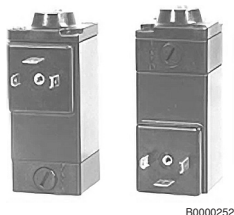
## Directional valves → Electrically operated

## Series DO

### Accessories

### Pilot valve

►  $Q_n = 100 \text{ l/min}$  ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 4400, form A ► Can be assembled into blocks ► manual override: with detent



B0000252

#### Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

Operating voltage			Power consumption	Switch-on power	Holding power
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 50 Hz
			W	VA	VA
24 V	-	-	-	-	-
-	-	110 V	-	-	-
24 V	-	-	8	-	-
12 V	-	-	-	-	-
-	24 V	-	-	-	-
-	230 V	-	-	21	14
48 V	-	-	-	-	-

	Compressed air connection			Operating voltage			Flow rate value		Part No.
	Input	Output	Exhaust	DC	AC 50 Hz	AC 60 Hz	Q <sub>n</sub> 1►2	Q <sub>n</sub> 2►3	
							[l/min]		
	G 1/8	G 1/8	G 1/8	-	- 230 V	110 V -	100	120	1827414005 <b>1827414016</b>
	G 1/8	G 1/8	G 1/8	-	230 V 24 V	-	100	120	<b>1827414025</b> 1827414020
	G 1/8	G 1/8	G 1/8	- 12 V	24 V -	-	100	120	<b>1827414011</b> 1827414008
	G 1/8	G 1/8	G 1/8	12 V	-	-	100	120	1827414017

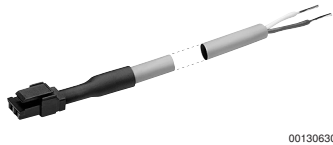
## Directional valves → Electrically operated

Series DO  
Accessories

	Compressed air connection			Operating voltage			Flow rate value		Part No.
	Input	Output	Exhaust	DC	AC 50 Hz	AC 60 Hz	Qn 1►2	Qn 2►3	
							[l/min]		
	G 1/8	G 1/8	G 1/8	24 V	-	-	100	120	1827414004
	G 1/8	G 1/8	G 1/8	24 V	-	-	100	120	1827414006
	G 1/8	G 1/8	G 1/8	48 V	-	-	100	120	1827414028

## Connecting cable with socket

► Socket, Industrial plug connector, 2-pin ► without wire end ferrule, tin-plated, 2-pin

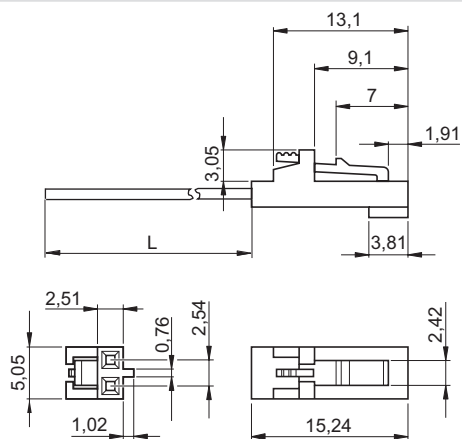


Cable exit

straight 180°

Electrical interface		Number of plug options	Number of wires	Cable length	Weight	Delivery quantity	Note	Part No.
[Port 1]	[Port 2]	[for port 1]		[m]	[kg]	[Piece]		
Socket, Industrial plug connector, 2-pin	without wire end ferrule, tin-plated, 2-pin	1 position	2	5	0.042	5	-	1834484265
Socket, Industrial plug connector, 2-pin	without wire end ferrule, tin-plated, 2-pin	1 position	2	3	0.026	1	-	1834484266
Socket, Industrial plug connector, 2-pin	without wire end ferrule, tin-plated, 2-pin	1 position	2	0	0.003	10	1)	1834484267

1) without cable

**Directional valves → Electrically operated****Series DO**  
**Accessories****Dimensions**

00128879

L = length

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