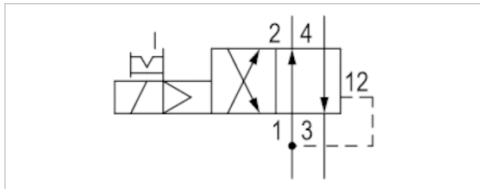


4/2-directional valve, Series 840

- $Q_n = 200 \text{ l/min}$
- Pilot valve width : 22.5 mm
- Pipe connection
- Compressed air connection output : $\varnothing 6 \times 1$
- Electrical connection : Plug, EN 175301-803, form C
- Manual override : with detent
- single solenoid
- with air spring return
- Pilot : internal



Version	Diaphragm poppet valve
Activation	Electrically
Pilot	internal
Sealing principle	Soft sealing
Working pressure min./max.	1,5 ... 10 bar
Control pressure min./max.	1,5 ... 10 bar
Ambient temperature min./max.	-15 ... 50 °C
Medium temperature min./max.	-15 ... 50 °C
Medium	Compressed air
Max. particle size	50 μm
Oil content of compressed air	0 ... 1 mg/m^3
Nominal flow Q_n	200 l/min
Connector standard	EN 175301-803, form C
Protection class, with connection	IP65
Reverse polarity protection	Protected against polarity reversal
Duty cycle	100 %
Typ. switch-on time	12 ms
Typ. switch-off time	12 ms
Mounting on manifold strip	PRS strip
Weight	See table below

Technical data

Part No.	MO	Compressed air connection	Compressed air connection
		Input	Output
5728400410		Ø6x1	Ø6x1
5728400420		Ø6x1	Ø6x1
5728400620		Ø6x1	Ø6x1
5728405420		Ø6x1	Ø6x1
5728405470		Ø6x1	Ø6x1
5728405480		Ø6x1	Ø6x1
5728405680		Ø6x1	Ø6x1

Part No.	Compressed air connection	Compressed air connection	Operationalvoltage
	Exhaust	Pilot Exhaust	DC
5728400410	Ø6x1	Ø 4,5	12 V
5728400420	Ø6x1	Ø 4,5	24 V
5728400620	Ø6x1	Ø 4,5	24 V
5728405420	Ø6x1	Ø 4,5	-
5728405470	Ø6x1	Ø 4,5	-
5728405480	Ø6x1	Ø 4,5	-
5728405680	Ø6x1	Ø 4,5	-

Part No.	Operationalvoltage	Operationalvoltage	Voltage tolerance	Voltage tolerance
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
5728400410	-	-	-10% / +10%	-
5728400420	-	-	-10% / +10%	-
5728400620	-	-	-10% / +10%	-
5728405420	24 V	24 V	-	-10% / +15%
5728405470	110 V	110 V	-	-10% / +15%
5728405480	230 V	230 V	-	-10% / +15%
5728405680	230 V	230 V	-	-10% / +15%

Part No.	Voltage tolerance	Power consumption	Holding power	Holding power
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
5728400410	-	1,6 W	-	-
5728400420	-	1,6 W	-	-
5728400620	-	1,6 W	-	-
5728405420	-10% / +15%	-	2,2 VA	1,9 VA
5728405470	-10% / +15%	-	2,2 VA	1,9 VA
5728405480	-10% / +15%	-	2,3 VA	2 VA
5728405680	-10% / +15%	-	2,5 VA	2,2 VA

Part No.	Switch-on power	Switch-on power	LED status display	Weight
	AC 50 Hz	AC 60 Hz		
5728400410	-	-	-	0,096 kg
5728400420	-	-	-	0,097 kg
5728400620	-	-	Red	0,097 kg
5728405420	3 VA	2,6 VA	-	0,095 kg
5728405470	3,1 VA	2,6 VA	-	0,096 kg
5728405480	3,2 VA	2,8 VA	-	0,095 kg
5728405680	3,5 VA	3 VA	Red	0,095 kg

Nominal flow Qn at 6 bar and Δp = 1 bar, MO = Manual override

Technical information

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!
 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 compressed air must remain constant during the life cycle.
 Use only the approved oils from AVENTICS. Further information can be found in the “Technical information” document (available in the MediaCentre).

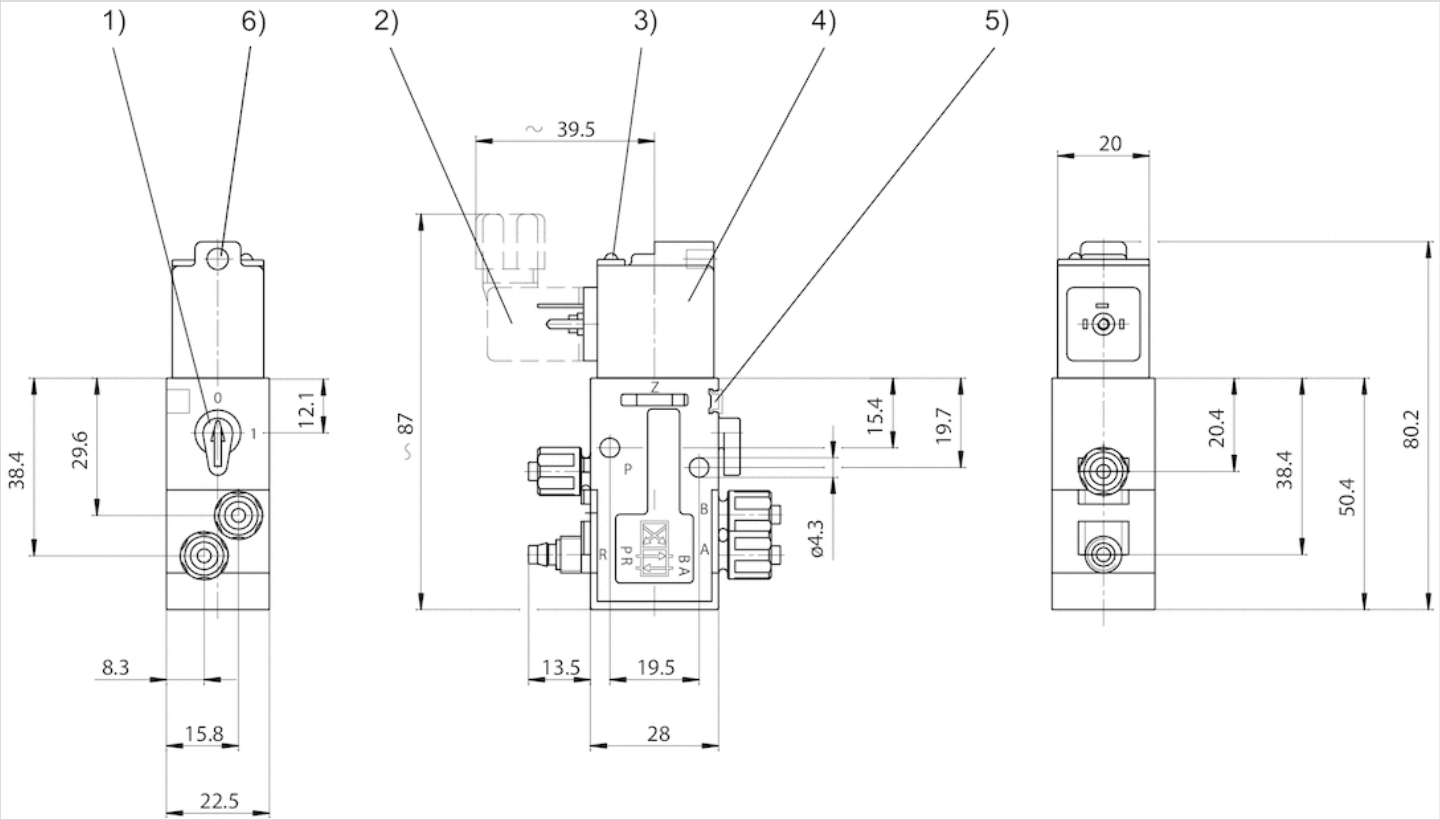
Versions with voltage of less than 50 V DC do not have a protective ground.
 The maximum operating pressure depends on the ambient temperature. The following values are applicable - 15 °C ... 50 °C = Operating pressure 1.5 bar ... 8 bar possible- 15 °C ... 40 °C = Operating pressure 1.5 bar ... 10 bar possible.

Technical information

Material	
Housing	Polyoxymethylene
Seals	Acrylonitrile butadiene rubber

Dimensions

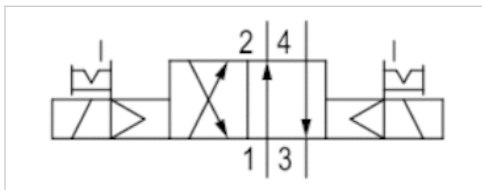
Dimensions



1) Manual override 2) Valve plug connector 3) LED display 4) Coil can be rotated at 180° intervals 5) Mounting space for name plate 6) Hole for M5 fitting or silencer Ø 4.5 mm

4/2-directional valve, Series 840

- $Q_n = 200$ l/min
- Pilot valve width : 22.5 mm
- Pipe connection
- Compressed air connection output : $\varnothing 6 \times 1$
- Electrical connection : Plug, EN 175301-803, form C
- Manual override : with detent
- Double solenoid
- Pilot : internal



Version	Diaphragm poppet valve
Activation	Electrically
Pilot	internal
Sealing principle	Soft sealing
Working pressure min./max.	1,8 ... 10 bar
Control pressure min./max.	1,8 ... 10 bar
Ambient temperature min./max.	-15 ... 50 °C
Medium temperature min./max.	-15 ... 50 °C
Medium	Compressed air
Max. particle size	50 μ m
Oil content of compressed air	0 ... 1 mg/m ³
Nominal flow Q_n	200 l/min
Connector standard	EN 175301-803, form C
Protection class, with connection	IP65
Reverse polarity protection	Protected against polarity reversal
Duty cycle	100 %
Typ. switch-on time	12 ms
Typ. switch-off time	12 ms
Mounting on manifold strip	PRS strip
Weight	See table below

Technical data

Part No.	MO	Compressed air connection	Compressed air connection
		Input	Output
5728410410		Ø6x1	Ø6x1
5728410420		Ø6x1	Ø6x1
5728410620		Ø6x1	Ø6x1
5728415420		Ø6x1	Ø6x1
5728415470		Ø6x1	Ø6x1
5728415480		Ø6x1	Ø6x1
5728415680		Ø6x1	Ø6x1

Part No.	Compressed air connection	Compressed air connection	Operationalvoltage
	Exhaust	Pilot Exhaust	DC
5728410410	Ø6x1	Ø 4,5	12 V
5728410420	Ø6x1	Ø 4,5	24 V
5728410620	Ø6x1	Ø 4,5	24 V
5728415420	Ø6x1	Ø 4,5	-
5728415470	Ø6x1	Ø 4,5	-
5728415480	Ø6x1	Ø 4,5	-
5728415680	Ø6x1	Ø 4,5	-

Part No.	Operationalvoltage	Operationalvoltage	Voltage tolerance	Voltage tolerance
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
5728410410	-	-	-10% / +10%	-
5728410420	-	-	-10% / +10%	-
5728410620	-	-	-10% / +10%	-
5728415420	24 V	24 V	-	-10% / +15%
5728415470	110 V	110 V	-	-10% / +15%
5728415480	230 V	230 V	-	-10% / +15%
5728415680	230 V	230 V	-	-10% / +15%

Part No.	Voltage tolerance	Power consumption	Holding power	Holding power
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
5728410410	-	1,6 W	-	-
5728410420	-	1,6 W	-	-
5728410620	-	1,6 W	-	-
5728415420	-10% / +15%	-	2,1 VA	1,9 VA
5728415470	-10% / +15%	-	2,2 VA	1,9 VA
5728415480	-10% / +15%	-	2,3 VA	2 VA
5728415680	-10% / +15%	-	2,5 VA	2,2 VA

Part No.	Switch-on power	Switch-on power	LED status display	Weight
	AC 50 Hz	AC 60 Hz		
5728410410	-	-	-	0,156 kg
5728410420	-	-	-	0,157 kg
5728410620	-	-	Red	0,158 kg
5728415420	3 VA	2,6 VA	-	0,153 kg
5728415470	3,1 VA	2,6 VA	-	0,157 kg
5728415480	3,2 VA	2,8 VA	-	0,156 kg
5728415680	3,5 VA	3 VA	Red	0,16 kg

Nominal flow Qn at 6 bar and Δp = 1 bar, MO = Manual override

Technical information

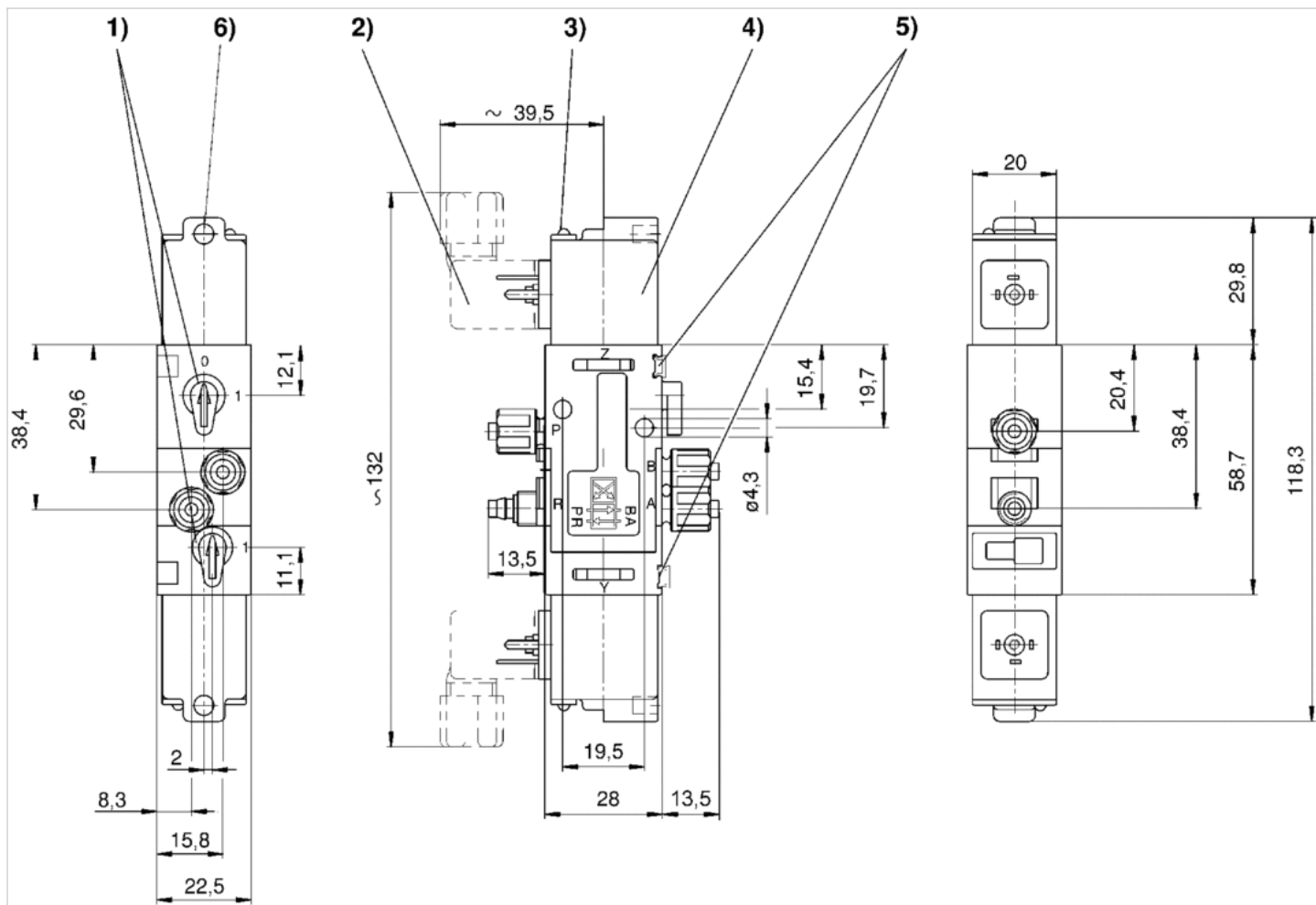
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
The oil content of compressed air must remain constant during the life cycle.
Use only the approved oils from AVENTICS. Further information can be found in the “Technical information” document (available in the MediaCentre).
Versions with voltage of less than 50 V DC do not have a protective ground.
The maximum operating pressure depends on the ambient temperature. The following values are applicable:- 15 °C ... 50 °C :
Operating pressure 1.8 bar ... 8 bar possible.- 15 °C ... 40 °C : Operating pressure 1.8 bar ... 10 bar possible.

Technical information

Material	
Housing	Polyoxymethylene
Seals	Acrylonitrile butadiene rubber

Dimensions

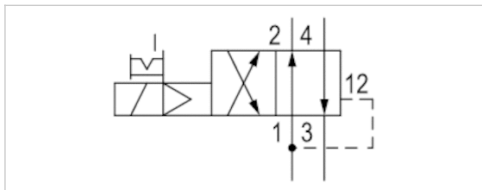
Dimensions



1) Manual override 2) Valve plug connector 3) LED display 4) Coil can be rotated at 180° intervals 5) Mounting space for name plate 6) Hole for M5 fitting or silencer Ø 4.5 mm

4/2-directional valve, Series 840

- $Q_n = 200$ l/min
- Pilot valve width : 22.5 mm
- Pipe connection
- Compressed air connection output : $\varnothing 6$
- Electrical connection : Plug, EN 175301-803, form C
- Manual override : with detent
- single solenoid
- with air spring return
- Pilot : internal



Version	Diaphragm poppet valve
Activation	Electrically
Pilot	internal
Sealing principle	Soft sealing
Working pressure min./max.	1,8 ... 10 bar
Control pressure min./max.	See table below
Ambient temperature min./max.	-15 ... 50 °C
Medium temperature min./max.	-15 ... 50 °C
Medium	Compressed air
Max. particle size	50 μm
Oil content of compressed air	0 ... 1 mg/m ³
Nominal flow Q_n	200 l/min
Connector standard	EN 175301-803, form C
Protection class, with connection	IP65
Reverse polarity protection	Protected against polarity reversal
Duty cycle	100 %
Typ. switch-on time	12 ms
Typ. switch-off time	12 ms
Mounting on manifold strip	PRS strip
Weight	See table below

Technical data

Part No.	MO	Compressed air connection	Compressed air connection
		Input	Output
5728450410		Ø6x1	Ø 6
5728450420		Ø6x1	Ø 6
5728450620		Ø6x1	Ø 6
5728455420		Ø6x1	Ø 6
5728455470		Ø6x1	Ø 6
5728455480		Ø6x1	Ø 6
5728455680		Ø6x1	Ø 6

Part No.	Compressed air connection	Compressed air connection	Operationalvoltage
	Exhaust	Pilot Exhaust	DC
5728450410	Ø6x1	Ø 4,5	12 V
5728450420	Ø6x1	Ø 4,5	24 V
5728450620	Ø6x1	Ø 4,5	24 V
5728455420	Ø6x1	Ø 4,5	-
5728455470	Ø6x1	Ø 4,5	-
5728455480	Ø6x1	Ø 4,5	-
5728455680	Ø6x1	Ø 4,5	-

Part No.	Operationalvoltage	Operationalvoltage	Voltage tolerance	Voltage tolerance
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
5728450410	-	-	-10% / +10%	-
5728450420	-	-	-10% / +10%	-
5728450620	-	-	-10% / +10%	-
5728455420	24 V	24 V	-	-10% / +15%
5728455470	110 V	110 V	-	-10% / +15%
5728455480	230 V	230 V	-	-10% / +15%
5728455680	230 V	230 V	-	-10% / +15%

Part No.	Voltage tolerance	Power consumption	Holding power	Holding power
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
5728450410	-	1,6 W	-	-
5728450420	-	1,6 W	-	-
5728450620	-	1,6 W	-	-
5728455420	-10% / +15%	-	2,2 VA	1,9 VA
5728455470	-10% / +15%	-	2,2 VA	1,9 VA
5728455480	-10% / +15%	-	2,3 VA	2 VA
5728455680	-10% / +15%	-	2,5 VA	2,2 VA

Part No.	Switch-on power	Switch-on power	Control pressure min./max.	LED status display
	AC 50 Hz	AC 60 Hz		
5728450410	-	-	1,5 ... 10 bar	-
5728450420	-	-	1,5 ... 10 bar	-
5728450620	-	-	1,5 ... 10 bar	Red
5728455420	3 VA	2,6 VA	1,5 ... 10 bar	-
5728455470	3,1 VA	2,6 VA	1,5 ... 10 bar	-
5728455480	3,2 VA	2,8 VA	1,5 ... 0 bar	-
5728455680	3,5 VA	3 VA	1,5 ... 10 bar	Red

Part No.	Weight
5728450410	0,101 kg
5728450420	0,103 kg
5728450620	0,103 kg
5728455420	0,1 kg
5728455470	0,101 kg
5728455480	0,102 kg
5728455680	0,102 kg

Nominal flow Q_n at 6 bar and $\Delta p = 1$ bar, MO = Manual override

Technical information

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

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 compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Versions with voltage of less than 50 V DC do not have a protective ground.

The maximum operating pressure depends on the ambient temperature. The following values are applicable:- 15 °C ... 50 °C :

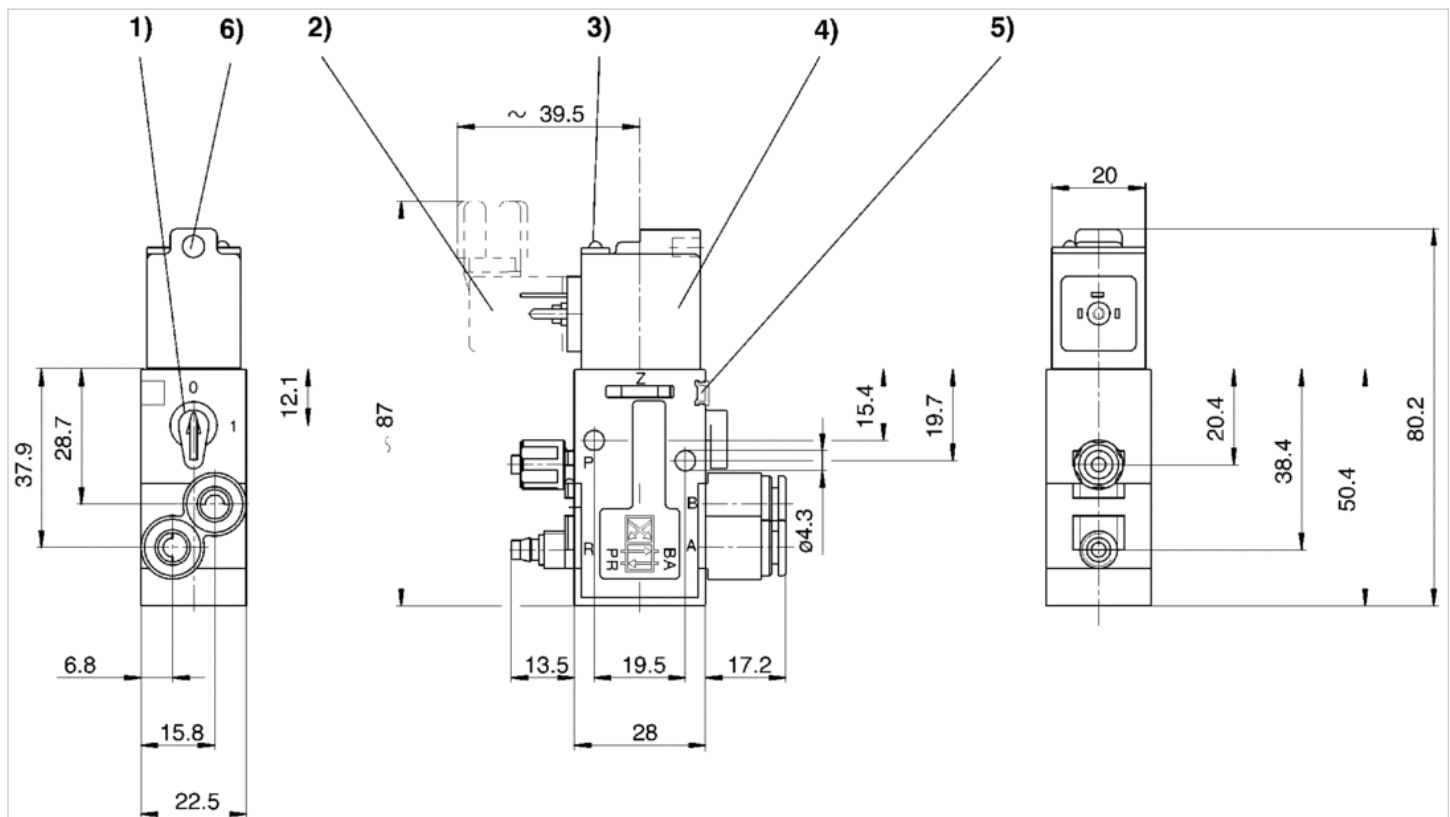
Operating pressure 1.8 bar ... 8 bar possible.- 15 °C ... 40 °C : Operating pressure 1.8 bar ... 10 bar possible.

Technical information

Material	
Housing	Polyoxymethylene
Seals	Acrylonitrile butadiene rubber

Dimensions

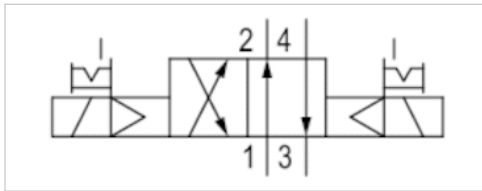
Dimensions



1) Manual override 2) Valve plug connector 3) LED display 4) Coil can be rotated at 180° intervals 5) Mounting space for name plate 6) Hole for M5 fitting or silencer $\varnothing$ 4.5 mm

4/2-directional valve, Series 840

- $Q_n = 200$ l/min
- Pilot valve width : 22.5 mm
- Pipe connection
- Compressed air connection output : $\varnothing 6$
- Electrical connection : Plug, EN 175301-803, form C
- Manual override : with detent
- Double solenoid
- Pilot : internal



Version	Diaphragm poppet valve
Activation	Electrically
Pilot	internal
Sealing principle	Soft sealing
Working pressure min./max.	1,8 ... 10 bar
Control pressure min./max.	1,8 ... 10 bar
Ambient temperature min./max.	-15 ... 50 °C
Medium temperature min./max.	-15 ... 50 °C
Medium	Compressed air
Max. particle size	50 μm
Oil content of compressed air	0 ... 1 mg/m ³
Nominal flow Q_n	200 l/min
Connector standard	EN 175301-803, form C
Protection class, with connection	IP65
Reverse polarity protection	Protected against polarity reversal
Duty cycle	100 %
Typ. switch-on time	12 ms
Typ. switch-off time	12 ms
Mounting on manifold strip	PRS strip
Weight	See table below

Technical data

Part No.	MO	Compressed air connection	Compressed air connection
		Input	Output
5728460410		Ø6x1	Ø 6
5728460420		Ø6x1	Ø 6
5728460620		Ø6x1	Ø 6
5728465420		Ø6x1	Ø 6
5728465470		Ø6x1	Ø 6
5728465480		Ø6x1	Ø 6
5728465680		Ø6x1	Ø 6

Part No.	Compressed air connection	Compressed air connection	Operationalvoltage
	Exhaust	Pilot Exhaust	DC
5728460410	Ø6x1	Ø 4,5	12 V
5728460420	Ø6x1	Ø 4,5	24 V
5728460620	Ø6x1	Ø 4,5	24 V
5728465420	Ø6x1	Ø 4,5	-
5728465470	Ø6x1	Ø 4,5	-
5728465480	Ø6x1	Ø 4,5	-
5728465680	Ø6x1	Ø 4,5	-

Part No.	Operationalvoltage	Operationalvoltage	Voltage tolerance	Voltage tolerance
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
5728460410	-	-	-10% / +10%	-
5728460420	-	-	-10% / +10%	-
5728460620	-	-	-10% / +10%	-
5728465420	24 V	24 V	-	-10% / +15%
5728465470	110 V	110 V	-	-10% / +15%
5728465480	230 V	230 V	-	-10% / +15%
5728465680	230 V	230 V	-	-10% / +15%

Part No.	Voltage tolerance	Power consumption	Holding power	Holding power
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
5728460410	-	1,6 W	-	-
5728460420	-	1,6 W	-	-
5728460620	-	1,6 W	-	-
5728465420	-10% / +15%	-	2,2 VA	1,9 VA
5728465470	-10% / +15%	-	2,2 VA	1,9 VA
5728465480	-10% / +15%	-	2,3 VA	2 VA
5728465680	-10% / +15%	-	2,5 VA	2,2 VA

Part No.	Switch-on power	Switch-on power	LED status display	Weight
	AC 50 Hz	AC 60 Hz		
5728460410	-	-	-	0,205 kg
5728460420	-	-	-	0,163 kg
5728460620	-	-	Red	0,165 kg
5728465420	3 VA	2,6 VA	-	0,165 kg
5728465470	3,1 VA	2,6 VA	-	0,21 kg
5728465480	3,2 VA	2,8 VA	-	0,155 kg
5728465680	3,5 VA	3 VA	Red	0,16 kg

Nominal flow Qn at 6 bar and Δp = 1 bar, MO = Manual override

Technical information

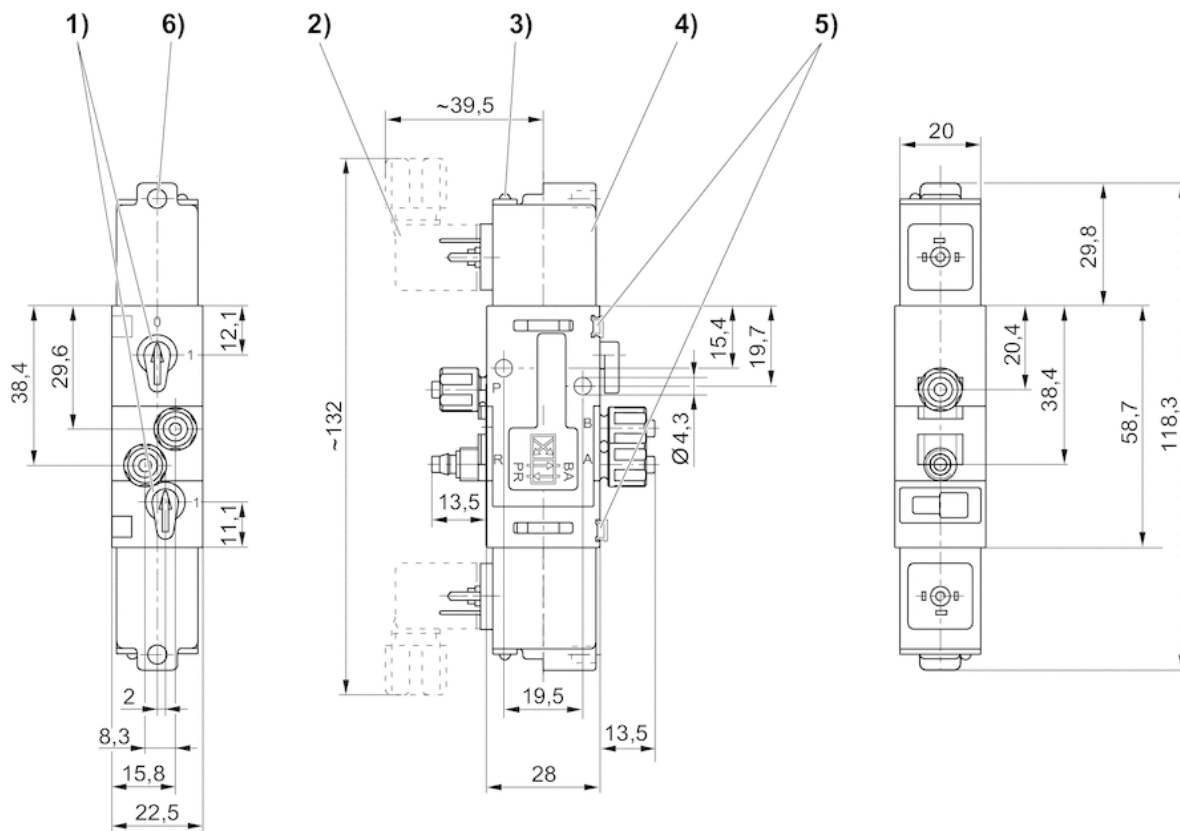
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
The oil content of compressed air must remain constant during the life cycle.
Use only the approved oils from AVENTICS. Further information can be found in the “Technical information” document (available in the MediaCentre).
Versions with voltage of less than 50 V DC do not have a protective ground.
The maximum operating pressure depends on the ambient temperature. The following values are applicable:- 15 °C ... 50 °C :
Operating pressure 1.8 bar ... 8 bar possible.- 15 °C ... 40 °C : Operating pressure 1.8 bar ... 10 bar possible.

Technical information

Material	
Housing	Polyoxymethylene
Seals	Acrylonitrile butadiene rubber

Dimensions

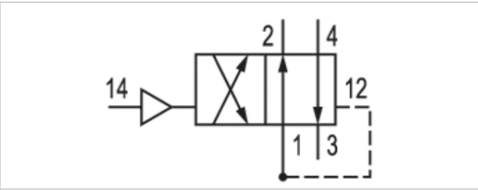
Dimensions



1) Manual override 2) Valve plug connector 3) LED display 4) Coil can be rotated at 180° intervals 5) Mounting space for name plate 6) Hole for M5 fitting or silencer Ø 4.5 mm

4/2-directional valve, Series 840

- Qn = 200 l/min
- Compressed air connection output Ø6x1
- Single air pilot
- Single air pilot
- Pipe connection



Version	Poppet valve
Activation	Pneumatically
Sealing principle	Soft sealing
Flow rate value Qn	200 l/min
Working pressure min./max.	2 ... 10 bar
Control pressure min./max.	2 ... 10 bar
Ambient temperature min./max.	-15 ... 60 °C
Medium temperature min./max.	-15 ... 60 °C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 ... 1 mg/m³
Mounting on manifold strip	PRS strip
Weight	0,048 kg

Technical data

Part No.	Compressed air connection	Compressed air connection
	Input	Output
5718400000	Ø6x1	Ø6x1

Part No.	Compressed air connection	Compressed air connection
	Exhaust	Pilot control exhaust
5718400000	Ø6x1	Ø6x1

Nominal flow Qn at 6 bar and Δp = 1 bar

Technical information

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

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 compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the “Technical information” document (available in the MediaCentre).

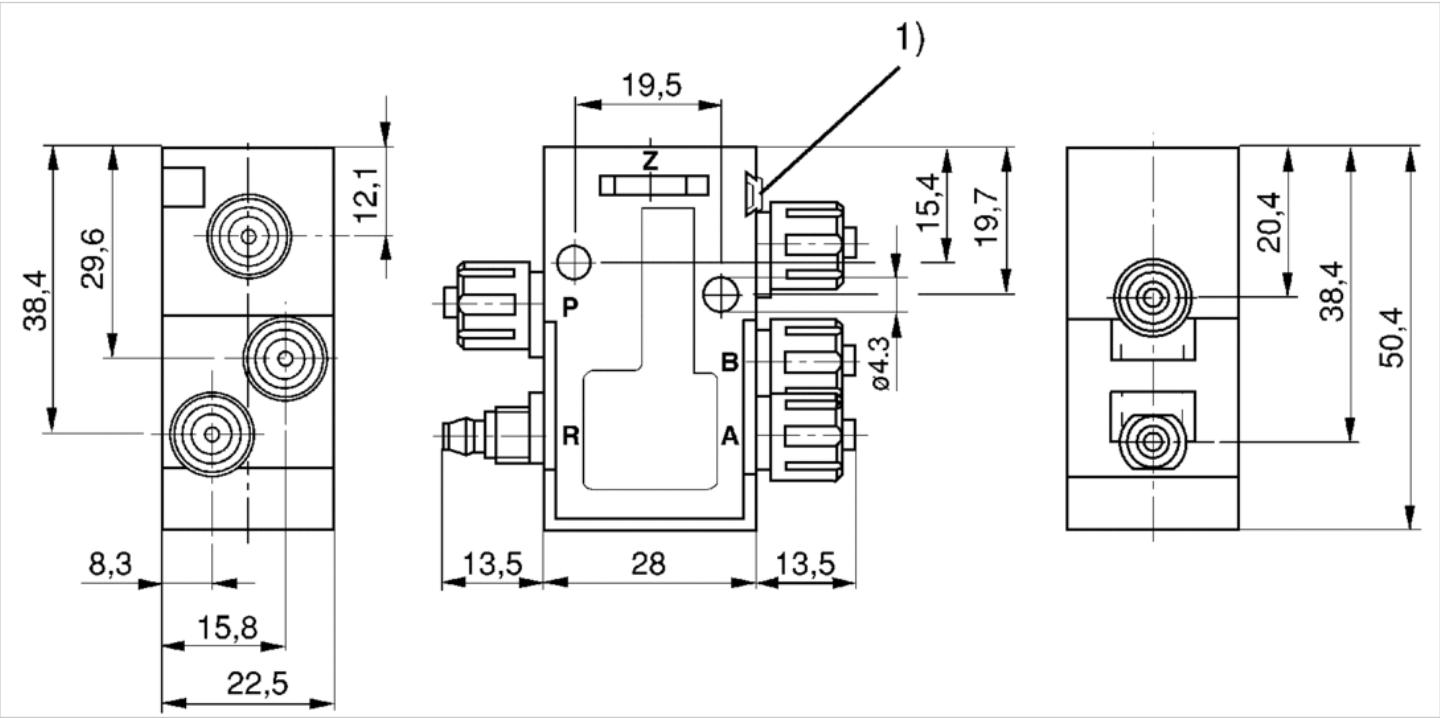
The maximum operating pressure depends on the ambient temperature. The following values are applicable:- 15 °C ... 60 °C : Operating pressure 1.5 bar ... 8 bar possible.- 15 °C ... 40 °C : Operating pressure 1.5 bar ... 10 bar possible.

Technical information

Material	
Housing	Polyoxymethylene
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Polyoxymethylene

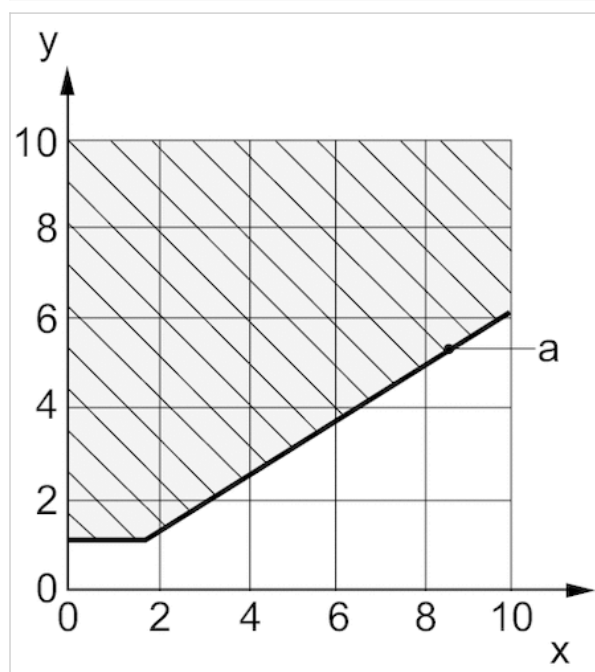
Dimensions

Dimensions



Diagrams

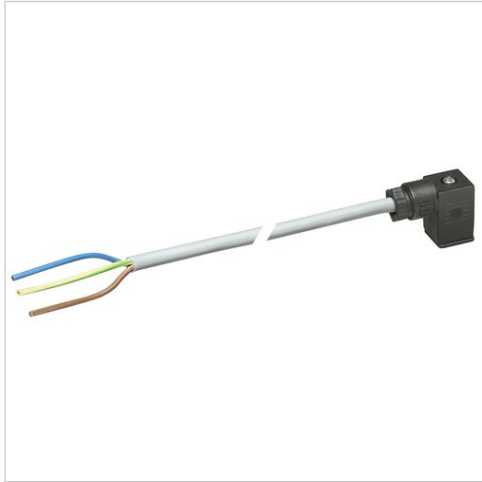
Control pressure



Pilot pressure range diagram
x: working pressure (bar)
y: pilot pressure (bar)
a: min. pilot pressure at port 14 (Z) depending on working pressure

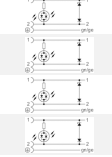
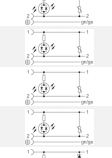
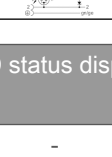
Valve plug connector, series CON-VP

- Socket, form C, 2+E, angled, 90°
- open cable ends, 3-pin
- with cable
- unshielded



Ambient temperature min./max.	-20 ... 80 °C
Operationalvoltage	See table below
Protection class	IP67
Wire cross-section	0,75 mm ²
Mounting screw tightening torque	0,4 Nm
Weight	See table below

Technical data

Part No.		Operationalvoltage	Max. current	Protective circuit	Contact assignment
1834484212		230 V, AC/DC	6 A	-	2+E
1834484213		230 V, AC/DC	6 A	-	2+E
1834484214		230 V, AC/DC	6 A	-	2+E
1834484215		230 V, AC/DC	6 A	-	2+E
1834484204		24 V, AC/DC	6 A	Z-diode	2+E
1834484205		24 V, AC/DC	6 A	Z-diode	2+E
1834484206		24 V, AC/DC	6 A	Z-diode	2+E
1834484207		24 V, AC/DC	6 A	Z-diode	2+E
1834484208		230 V, AC/DC	6 A	Varistor	2+E
1834484209		230 V, AC/DC	6 A	Varistor	2+E
1834484210		230 V, AC/DC	6 A	Varistor	2+E
1834484211		230 V, AC/DC	6 A	Varistor	2+E
1834484236		24 V, AC/DC	6 A	Z-diode	2+E

Part No.	LED status display	Number of wires	Cable-Ø	Cable length	Weight	Fig.	
1834484212	-	3	5,9 mm	3 m	0,183 kg	Fig. 1	-
1834484213	-	3	5,9 mm	3 m	0,183 kg	Fig. 2	-
1834484214	-	3	5,9 mm	5 m	0,308 kg	Fig. 1	-
1834484215	-	3	5,9 mm	5 m	0,308 kg	Fig. 2	-
1834484204	Yellow	3	5,9 mm	3 m	0,185 kg	Fig. 1	1)
1834484205	Yellow	3	5,9 mm	3 m	0,185 kg	Fig. 2	1)
1834484206	Yellow	3	5,9 mm	5 m	0,292 kg	Fig. 1	1)
1834484207	Yellow	3	5,9 mm	5 m	0,298 kg	Fig. 2	1)
1834484208	Yellow	3	5,9 mm	3 m	0,171 kg	Fig. 1	1)
1834484209	Yellow	3	5,9 mm	3 m	0,194 kg	Fig. 2	1)
1834484210	Yellow	3	5,9 mm	5 m	0,297 kg	Fig. 1	1)

Part No.	LED status display	Number of wires	Cable-Ø	Cable length	Weight	Fig.	
1834484211	Yellow	3	5,9 mm	5 m	0,285 kg	Fig. 2	1)
1834484236	Yellow	3	5,9 mm	10 m	0,571 kg	Fig. 2	1)

1) Scope of delivery incl. flat gasket

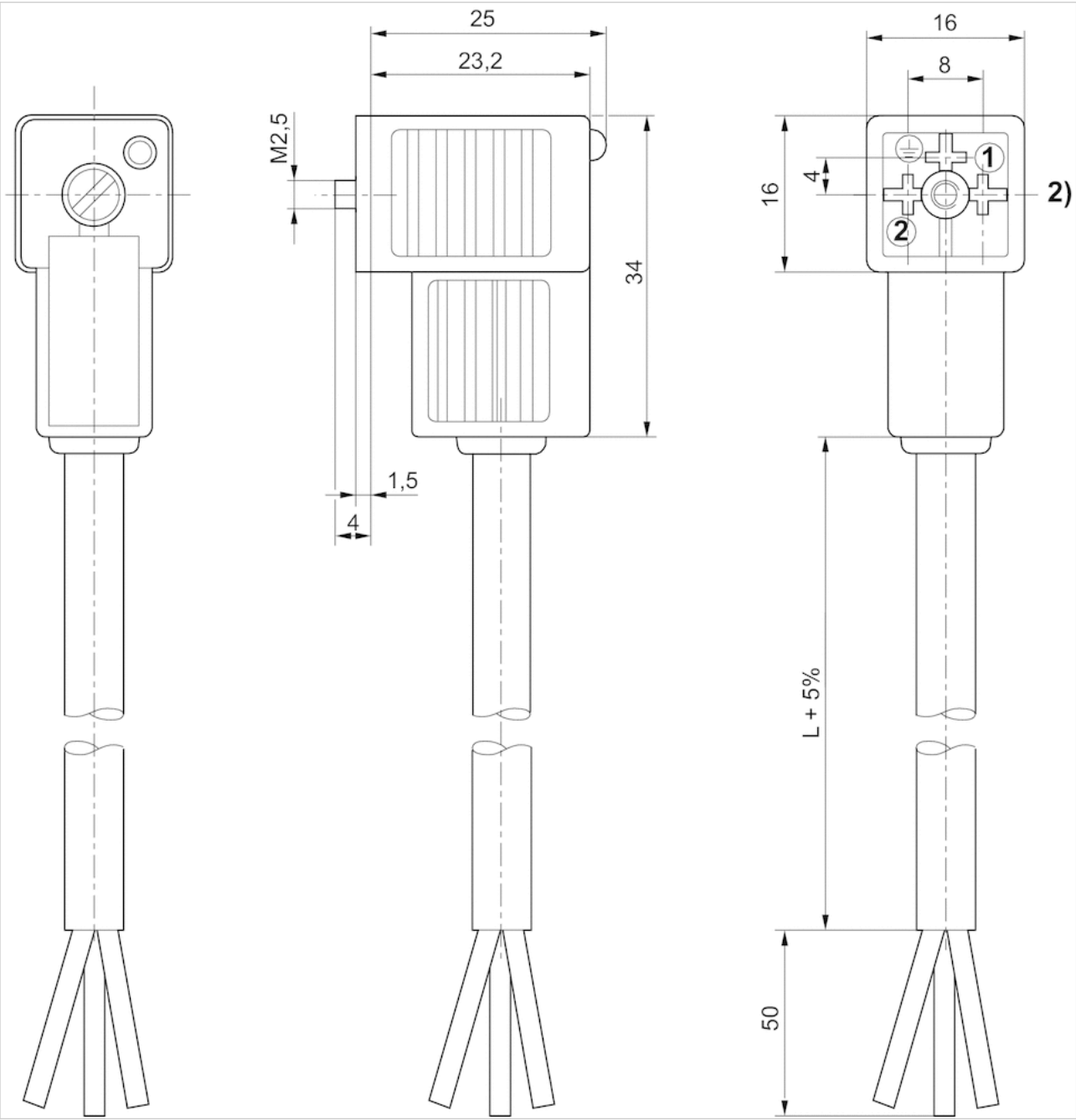
Technical information

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

Technical information

Material	
Seals	caoutchouc/butadiene caoutchouc
Cable sheath	Polyvinyl chloride

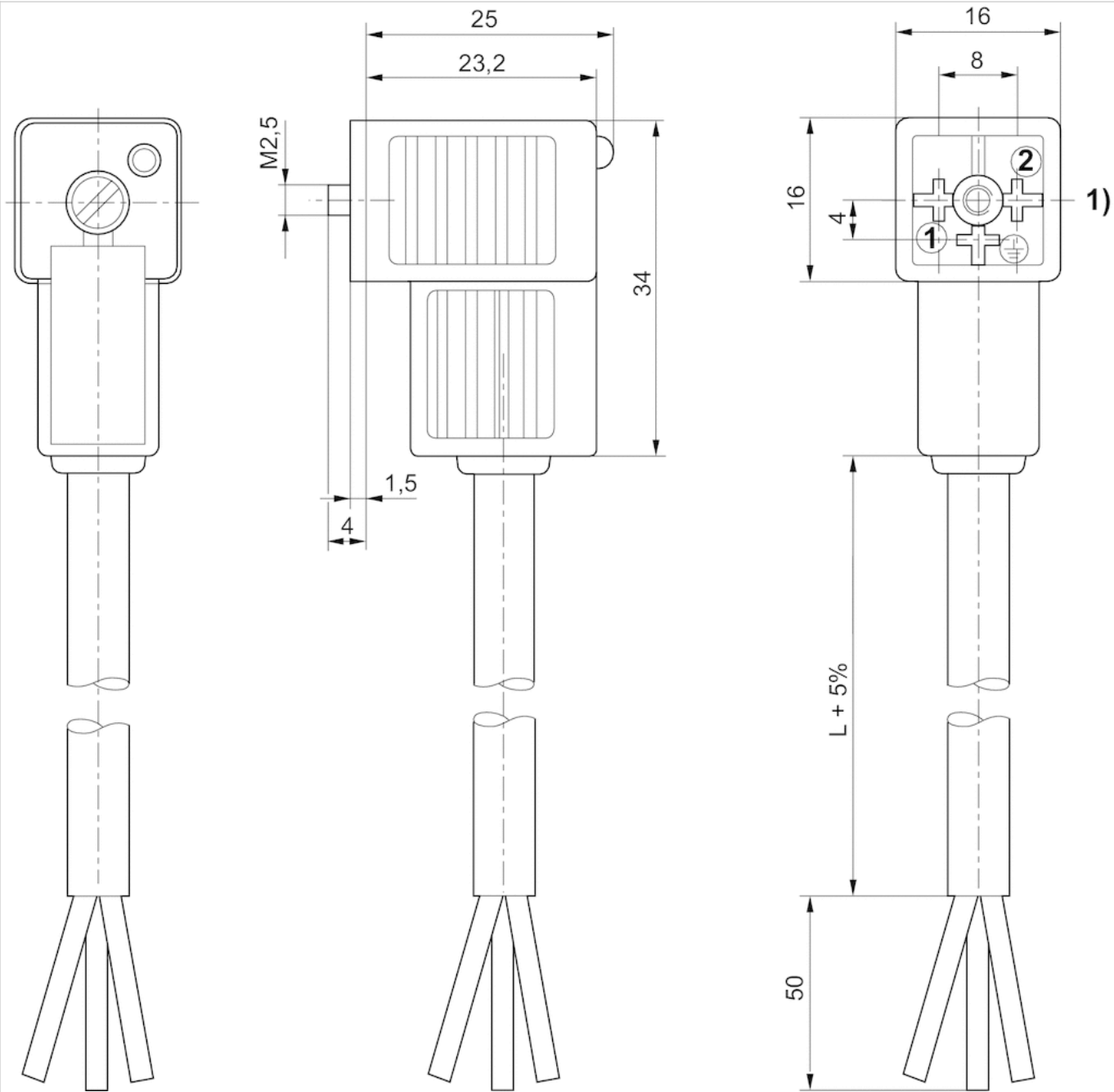
Fig. 2



2) 180° female insert

Dimensions

Fig. 1



1) 0° female insert

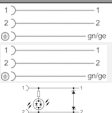
Valve plug connector, series CON-VP

- Socket, form C, 2+E, angled, 90°
- ISO 15217
- unshielded
- with LED Green



Connection type	Screws
Ambient temperature min./max.	-40 ... 90 °C
Operationalvoltage	See table below
Protection class	IP65
Mounting screw tightening torque	0,4 Nm
Weight	See table below

Technical data

Part No.		Operationalvoltage	Max. current	Protective circuit	Contact assignment
1834484187		250 / 300 V, AC/DC	6 A	-	2+E
8941012202		250 / 300 V, AC/DC	6 A	-	2+E
4402050330		24 V, AC/DC	-	Z-diode	2+E

Part No.	LED status display	suitable cable-Ø min./max	Seal	Weight
1834484187	-	4 / 8 mm	caoutchouc/butadiene caoutchouc	0,012 kg
8941012202	-	4 / 8 mm	-	0,012 kg
4402050330	Green	-	-	0,014 kg

Part No.	Fig.	
1834484187	Fig. 1	-
8941012202	Fig. 2	-
4402050330	Fig. 3	1)

1)

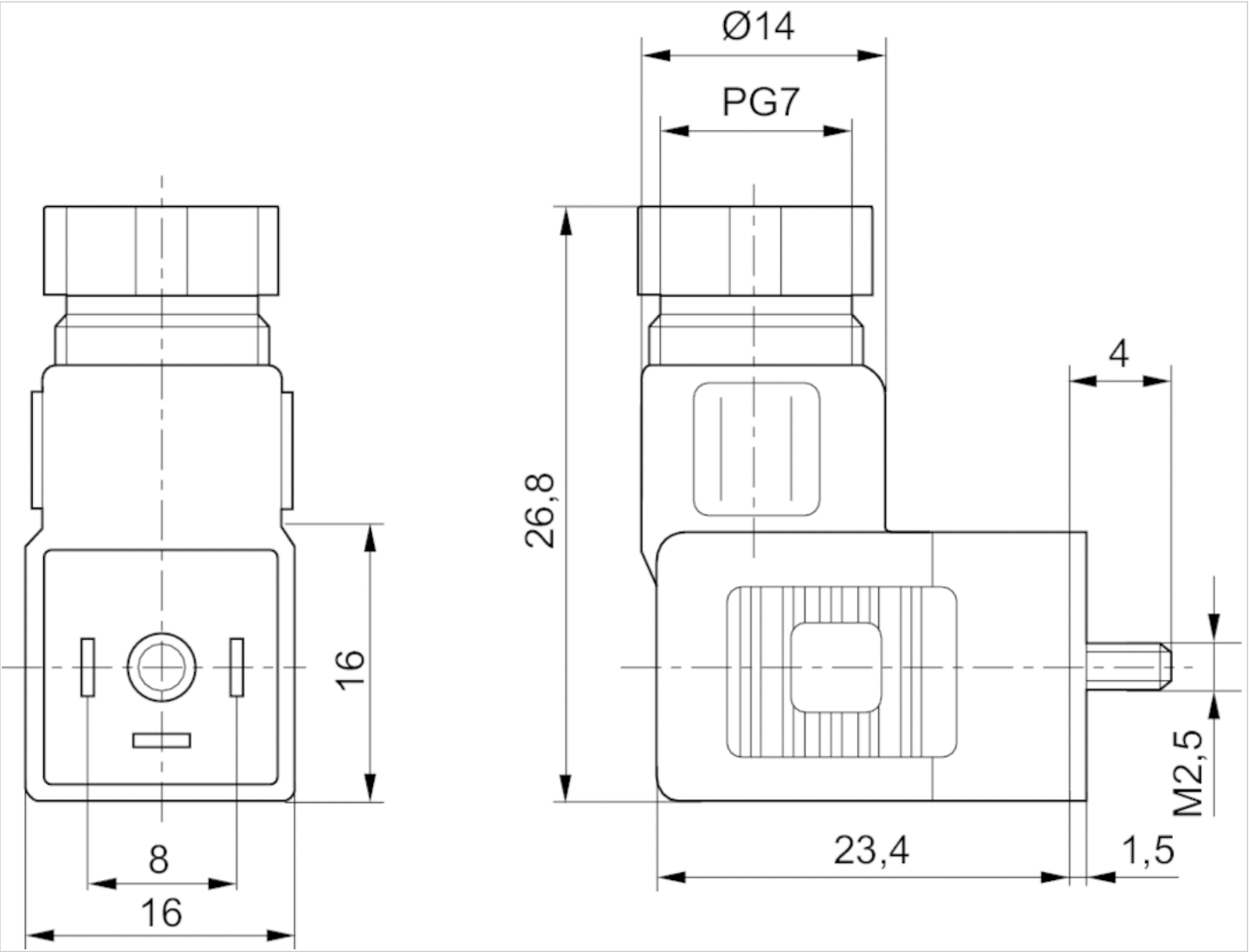
Technical information

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

Technical information

Material	
Seals	caoutchouc/butadiene caoutchouc

Fig. 3



Dimensions

Fig. 1

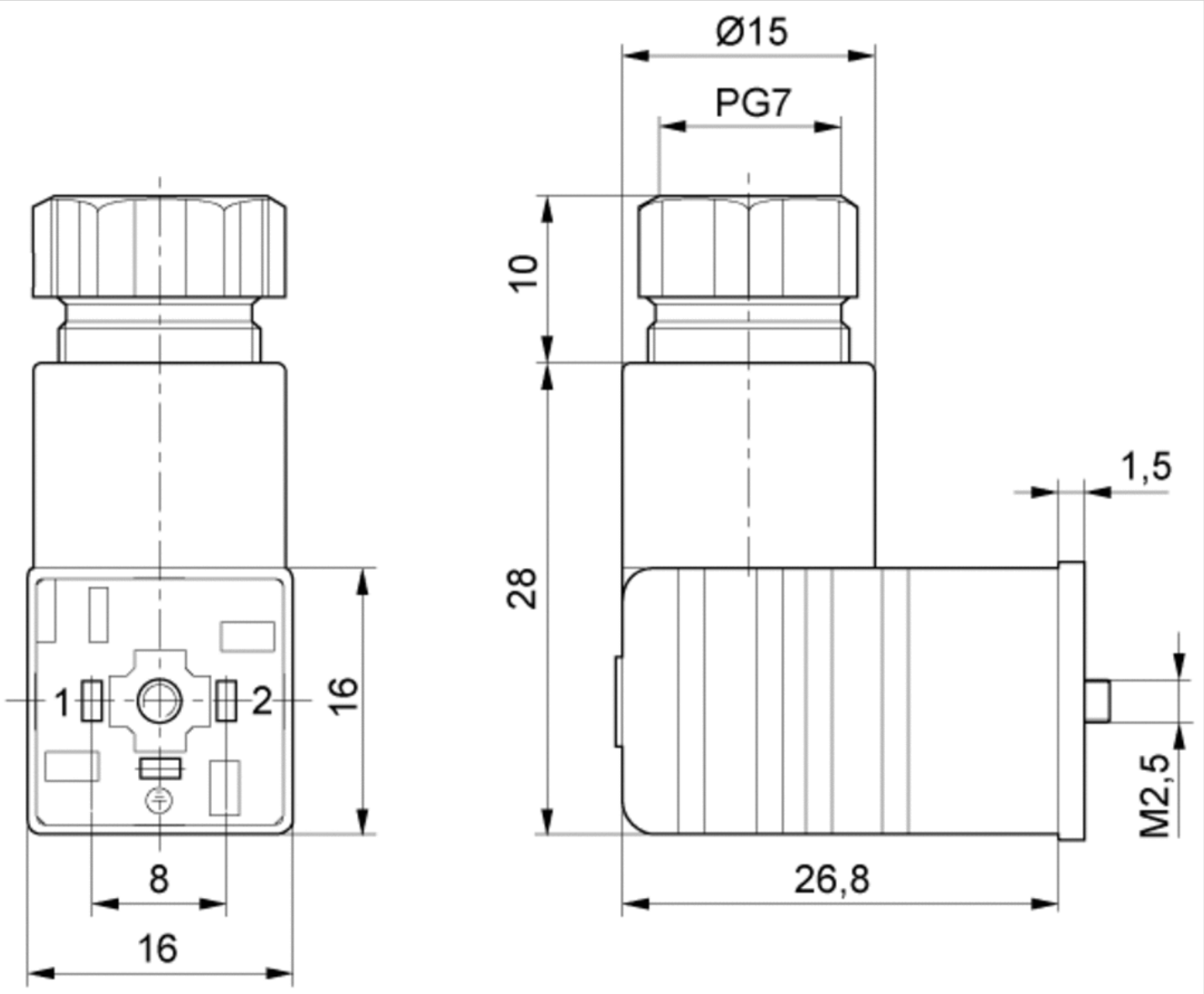
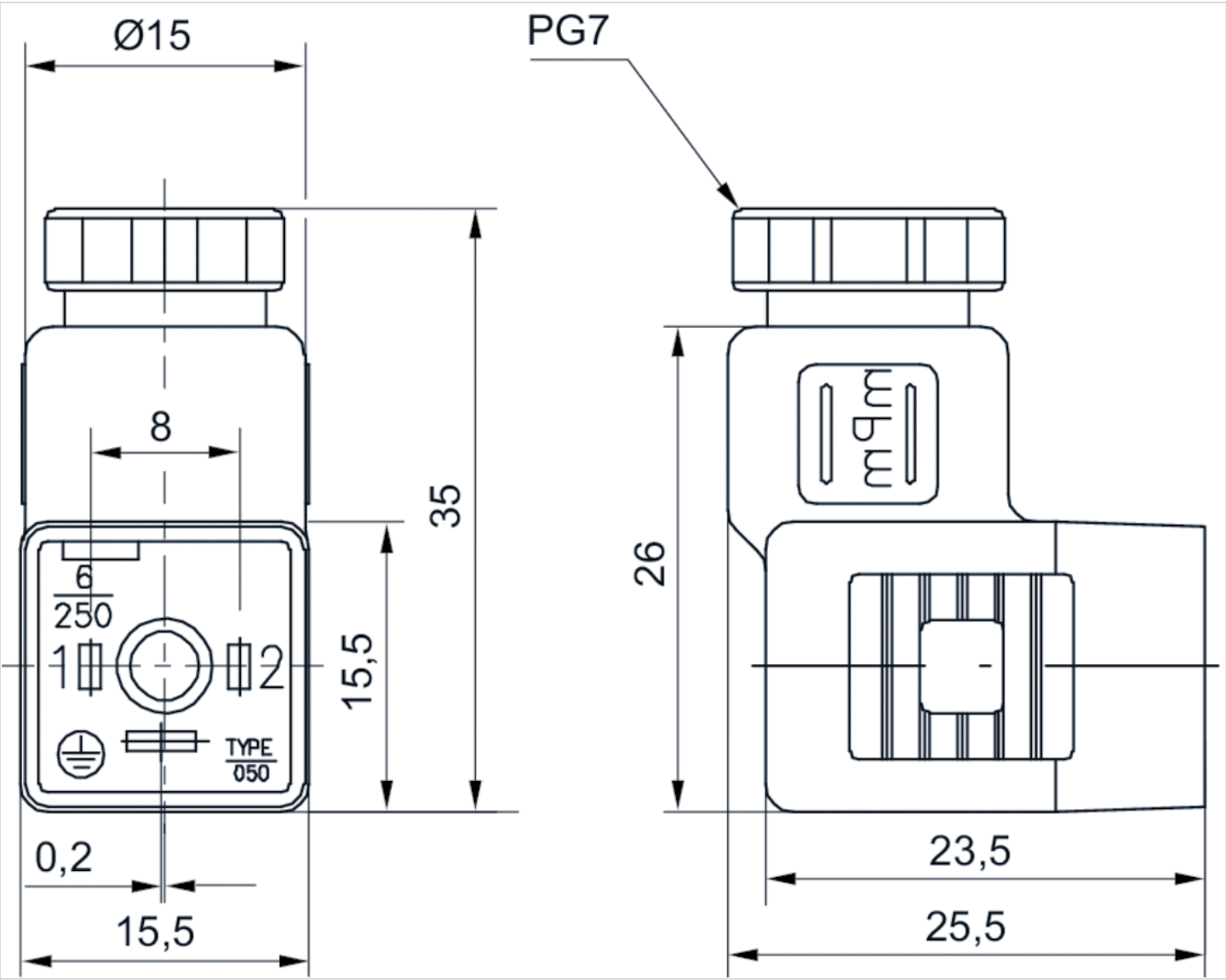


Fig. 2

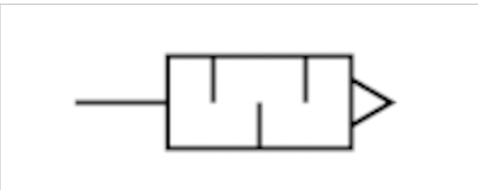


silencers, series SI1

- Sintered bronze



Working pressure min./max.	0 ... 10 bar
Ambient temperature min./max.	-25 ... 80 °C
Medium	Compressed air
Weight	0,008 kg



Technical data

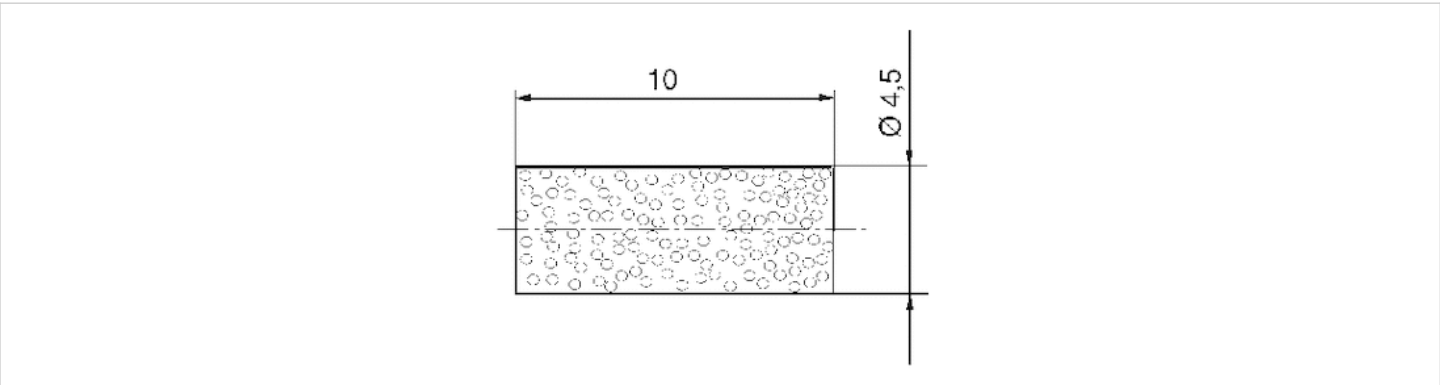
Part No.
8993800114

Technical information

Material
Silencers Sintered bronze

Dimensions

Dimensions



Name plates



Technical data

Part No.	Type	Delivery unit
8943056312	1-10	5 piece
8943056322	11-20	5 piece

Subbases and accessories, Series 840



Technical data

Part No.	Fig.	Type
8985003702	Fig. 1	Supply plate complete with seals
8985003712	Fig. 4	sandwich plate complete with seals
8985003722	Fig. 3	End plate, complete with O-rings
5728406004	Fig. 13	Dummy flange for reserve places complete with seals
5728400092	Fig. 9	Connecting kit for second inlet base
5324002020	Fig. 10	silencer for port R of supply plate
5728400414	Fig. 8	Cover plate for manifold
5728400424	Fig. 11	Cover plate for plug module
8942003902	Fig. 12	PG-fitting for plug module
8938013600	Fig. 15	Tubing connector for separate or additional P-supply for plastic tubing Ø 5x1
8938306500	Fig. 7	Elbow fitting, 1x, plastic tubing Ø 6x1 for supply plate
8938306510	Fig. 7	Elbow fitting, 1x, plastic tubing Ø 8x1 for supply plate
8938009390	Fig. 14	Tubing connector for separate or additional P-supply for plastic tubing Ø 6x1
5324002000	Fig. 17	silencer for valve connection R
8930714804	Fig. 16	Tube nut for valve conn. R
8930715002	Fig. 19	Screw plug for valve connection A or B
8938403900	Fig. 18	Elbow fitting 1x, for tubing Ø6x1, incl. O-ring
8941013312	Fig. 20	El. conn. module for max. 250 V, with cable conduit
5728417904	Fig. 21	Actuating element
8938403950	Fig. 22	Elbow fitting, 2x, for tube Ø6x1, incl. O-ring and tube nut

Part No.	Material	Sealing material
8985003702	Polyoxymethylene	Acrylonitrile butadiene rubber
8985003712	Polyoxymethylene	Acrylonitrile butadiene rubber
8985003722	Polyoxymethylene	Acrylonitrile butadiene rubber
5728406004	Polyamide	-
5728400092	Brass	Acrylonitrile butadiene rubber
5324002020	Sintered bronze	-
5728400414	Polyamide	-
5728400424	Polyamide	-

Part No.	Material	Sealing material
8942003902	Polyamide	-
8938013600	Brass	-
8938306500	Polyoxymethylene	Acrylonitrile butadiene rubber
8938306510	Polyoxymethylene	Acrylonitrile butadiene rubber
8938009390	Brass	-
5324002000	Sintered bronze	-
8930714804	Polyamide	-
8930715002	Polyamide	-
8938403900	Polyoxymethylene	-
8941013312	Polyamide	-
5728417904	Polyethylene	-
8938403950	Polyoxymethylene	-

Technical information

Material	
Housing	Polyoxymethylene, Polyamide, Brass, Sintered bronze, Polyethylene

Technical drawings of the 3-position, 3-way, 5-position hydraulic valve 3W5E100. The drawings include a top view (1), a side view (2), a front view (3), a rear view (4), a top view of the valve body (5), a side view of the valve body (6), a front view of the valve body (7), a rear view of the valve body (8), a top view of the valve body (9), a side view of the valve body (10), a front view of the valve body (11), a rear view of the valve body (12), a top view of the valve body (13), a side view of the valve body (14), a front view of the valve body (15), a rear view of the valve body (16), a top view of the valve body (17), a side view of the valve body (18), a front view of the valve body (19), a rear view of the valve body (20), a top view of the valve body (21), and a side view of the valve body (22). Dimensions are given in mm.