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# 4/2-directional valve, Series 840

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



2 1 14

Ta Ta i

Version Poppet valve Activation Pneumatically Sealing principle Soft sealing Flow rate value Qn 200 I/min 2 ... 10 bar Working pressure min./max. 2 ... 10 bar Control pressure min./max. Ambient temperature min./max. -15 ... 60 °C -15 ... 60 °C Medium temperature min./max. Medium Compressed air Max. particle size 50 µm Oil content of compressed air 0 ... 1 mg/m<sup>3</sup> 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

### 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

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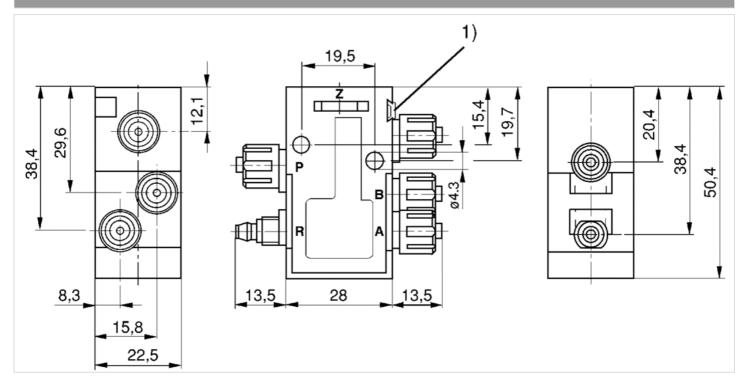
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# Dimensions

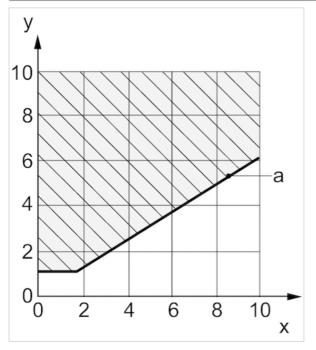
#### Dimensions



1) mounting space for name plate

# Diagrams

## Control pressure



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