

Directional valves → Supplementary products

4/2-way valve, Series 840

► Qn = 200 l/min ► pipe connection ► compressed air connection output: Ø6x1 ► Single air pilot



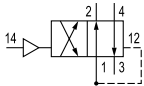
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Version	Poppet valve
Sealing principle	soft sealing
Mounting on manifold strip	PRS strip
Working pressure min./max.	1.5 bar / 8 bar *
Control pressure min./max.	1.5 bar / 10 bar
Ambient temperature min./max.	-15 °C / +60 °C *
Medium temperature min./max.	-15 °C / +60 °C *
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 mg/m ³ - 1 mg/m ³

Materials:	
Housing	Polyoxymethylene
Seals	Acrylonitrile Butadiene Rubber
Threaded bushing	Polyoxymethylene

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

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				Flow rate value	Weight	Note	Part No.
	Input	Output	Exhaust	Pilot connection	Qn			
					[l/min]			
	Ø6x1	Ø6x1	Ø6x1	Ø6x1	200	0.048	1)	571840000

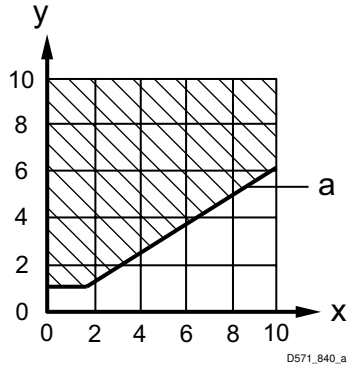
1) See diagram
 Nominal flow Qn at 6 bar and Δp = 1 bar

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Control pressure



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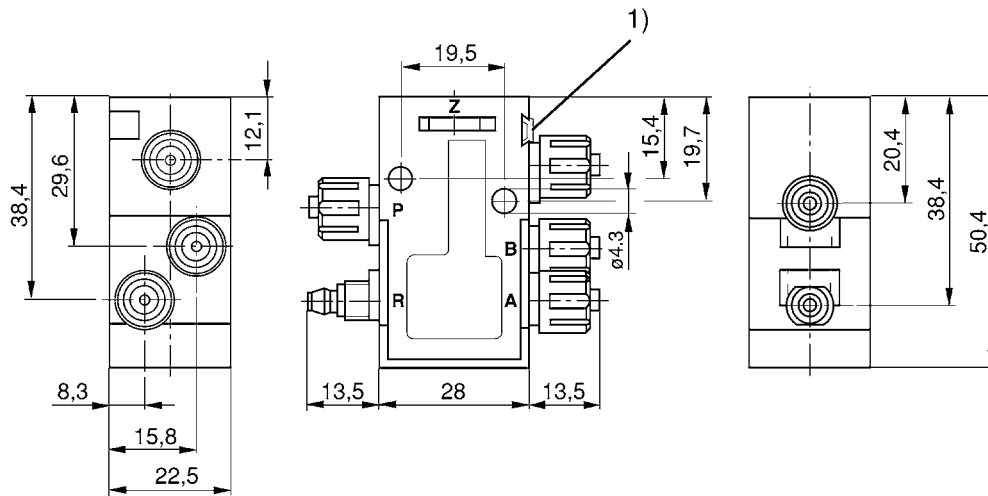
Pilot pressure range diagram

x: working pressure (bar)

y: pilot pressure (bar)

a: min. pilot pressure at port 14 (Z) depending on working pressure

Dimensions



D571_840

1) mounting space for name plate