Valve systems → Standardized valve systems

2x3/2-way valve, Series CD01-PA

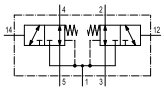
► Qn = 1010 l/min ► plate connection ► compressed air connection output: base plate DIN ISO 15407-1 ► suitable for ATEX

P571_400

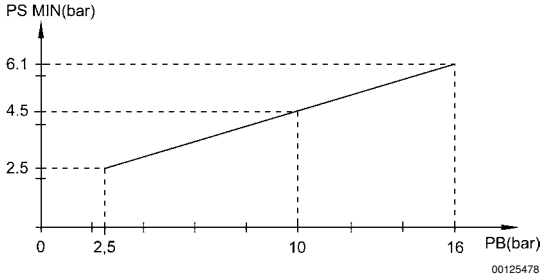
Standards	ISO 15407-1
ATEX	3 G
Version	Spool valve, zero overlap
Sealing principle	soft sealing
Certificates	free of substances that impair surface wetting in the coating process
Working pressure min./max.	2.5 bar / 16 bar
Control pressure min./max.	-- / 16 bar
Ambient temperature min./max.	-15°C / +50°C
Medium temperature min./max.	-15°C / +50°C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 mg/m³ - 1 mg/m³
Compressed air connection	according to ISO 15407-1
Mounting screw	M4 with hexagon socket
mounting screw tightening torque	2.5 Nm
Materials:	
Housing	Polyamide; Polyoxymethylene
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 compressed air 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				
		Input	Output	Exhaust	Pilot connection	Qn	Qn 1►2	Qn 2►3	Weight	Part No.
						[l/min]			[kg]	
	NC/NC	base plate DIN ISO 15407-1	base plate DIN ISO 15407-1	base plate DIN ISO 15407-1	base plate DIN ISO 15407-1	1010	1010	1010	0.16	**5714003990**
Nominal flow Qn at 6 bar and Δp = 1 bar										

Diagram, Control pressure



P_B = Working pressure
PS = control pressure

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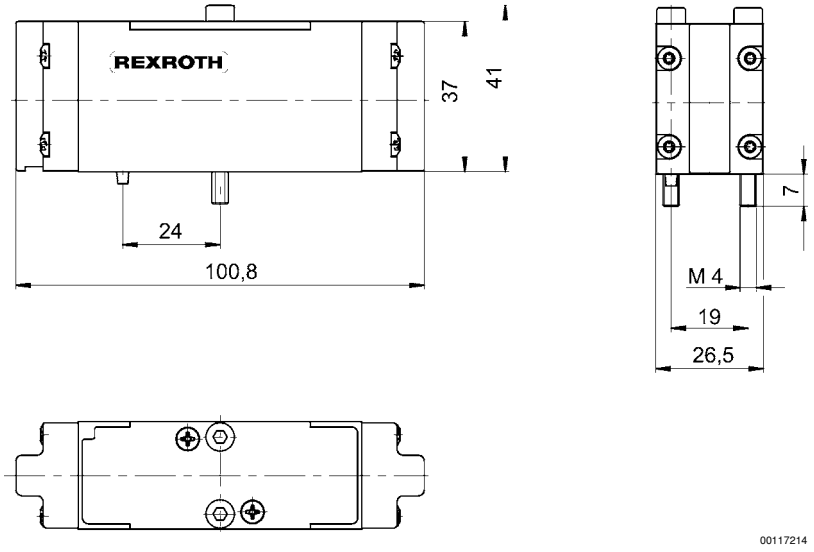
Dimensions