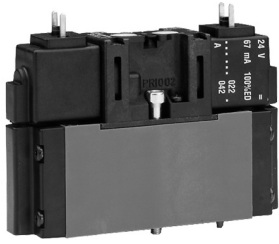


Valve terminal systems → Valve terminal systems according to standard

5/2-way valve, Series CD01-PA

► $Q_n = 1010 \text{ l/min}$ ► plate connection ► compressed air connection output: base plate DIN ISO 15407-1 ► Electr. connection: Plug, EN 175301-803, form C ► free of substances that impair surface wetting in the coating process ► manual override: with detent, without detent, without ► double solenoid



P576_504

Standards	ISO 15407-1, 26 mm
Version	Spool valve, zero overlap
Sealing principle	soft sealing
Working pressure min./max.	See table below
Ambient temperature min./max.	See table below
Medium temperature min./max.	See table below
Medium	Compressed air
Max. particle size	50 μm
Oil content of compressed air	0 mg/m^3 - 1 mg/m^3
Pneumatic ports	base plate DIN ISO 15407-1
version pneumatic port	according to ISO 15407-1
	With collective pilot air exhaust
Connector standard	EN 175301-803
Protection class according to EN 60529:2000, with electrical connector/plug	IP 65
Duty cycle	100 %
Switch-on time	17 ms
Switch-off time	17 ms
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 air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.
- Versions with voltage of less than 50 V DC do not have a protective ground

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%	-	-	1.6	-	-	-	-
-	24 V	24 V	-	-15% / +10%	-10% / +15%	-	3	2.6	2.2	1.85
-	110 V	110 V	-	-15% / +10%	-10% / +15%	-	4.2	3.4	3	2.4
-	230 V	230 V	-	-15% / +10%	-10% / +15%	-	3.2	2.8	2.3	2
24 V	-	-	-10% / +10%	-	-	2.06	-	-	-	-

Valve terminal systems → Valve terminal systems according to standard

5/2-way valve, Series CD01-PA

► Qn = 1010 l/min ► plate connection ► compressed air connection output: base plate DIN ISO 15407-1 ► Electr. connection: Plug, EN 175301-803, form C ► free of substances that impair surface wetting in the coating process
► manual override: with detent, without detent, without ► double solenoid

	MO	Operating voltage			Qn			Working pressure min./max.	Control pressure min./max.	Ambient temperature min./max.	Medium temperature min./max.		Part No.
		DC	AC 50 Hz	AC 60 Hz		1►2	2►3						
					[l/min]			[bar]	[bar]	[°C]		[kg]	
		24 V	-	-	1010	1010	1010	2 / 10	2 / 10	-15°C / +50°C	-15°C / +50°C	0.26	5763520220
		24 V	-	-	1010	1010	1010	2 / 10	2 / 10	-15°C / +50°C	-15°C / +50°C	0.26	5763520620
		-	24 V 110 V	24 V 110 V	1010	1010	1010	2 / 10	2 / 10	-15°C / +50°C	-15°C / +50°C	0.26	5763525220 5763525270
		-	110 V	110 V	1010	1010	1010	2 / 10	2 / 10	-15°C / +50°C	-15°C / +50°C	0.26	5763525670
		-	230 V	230 V	1010	1010	1010	2 / 10	2 / 10	-15°C / +50°C	-15°C / +50°C	0.26	5763525280
		24 V	-	-	1010	1010	1010	-0.95 / 16	2 / 10	-15°C / +50°C	-15°C / +50°C	0.26	5763650220
		24 V	-	-	1010	1010	1010	-0.95 / 16	2 / 10	-15°C / +50°C	-15°C / +50°C	0.26	5763650620
		-	110 V	110 V	1010	1010	1010	-0.95 / 16	2 / 10	-15°C / +50°C	-15°C / +50°C	0.26	5763655270
		-	110 V	110 V	1010	1010	1010	-0.95 / 16	2 / 10	-15°C / +50°C	-15°C / +50°C	0.26	5763655670
		-	230 V	230 V	1010	1010	1010	-0.95 / 16	2 / 10	-15°C / +50°C	-15°C / +50°C	0.26	5763655280
		24 V - 110 V	- 110 V	- 110 V	1010	1010	1010	2 / 10	2 / 10	-15°C / +50°C	-15°C / +50°C	0.26	5763530220 5763535270
		24 V - 110 V	- 110 V	- 110 V	1010	1010	1010	2 / 10	2 / 10	-15°C / +50°C	-15°C / +50°C	0.26	5763530620 5763535670
		-	24 V	-	1010	1010	1010	2 / 16	2 / 10	+0°C / +50°C	+0°C / +50°C	0.26	5763530920
Part No.	Note												
5763520220	1)												
5763520620	1)												
5763525220	1)												
5763525270	1)												
5763525670	1)												
5763525280	1)												
5763650220	2)												
5763650620	2)												

1) Pilot: internal

2) Pilot: external

3) Low power consumption

Nominal flow Qn at 6 bar and Δp = 1 bar

MO = Manual override

Valve terminal systems → Valve terminal systems according to standard

5/2-way valve, Series CD01-PA

► $Q_n = 1010 \text{ l/min}$ ► plate connection ► compressed air connection output: base plate DIN ISO 15407-1 ► Electr. connection: Plug, EN 175301-803, form C ► free of substances that impair surface wetting in the coating process
 ► manual override: with detent, without detent, without ► double solenoid

Part No.	Note
5763655270	2)
5763655670	2)
5763655280	2)
5763530220	1)
5763535270	1)
5763530620	1)
5763535670	1)
5763530920	1); 3)

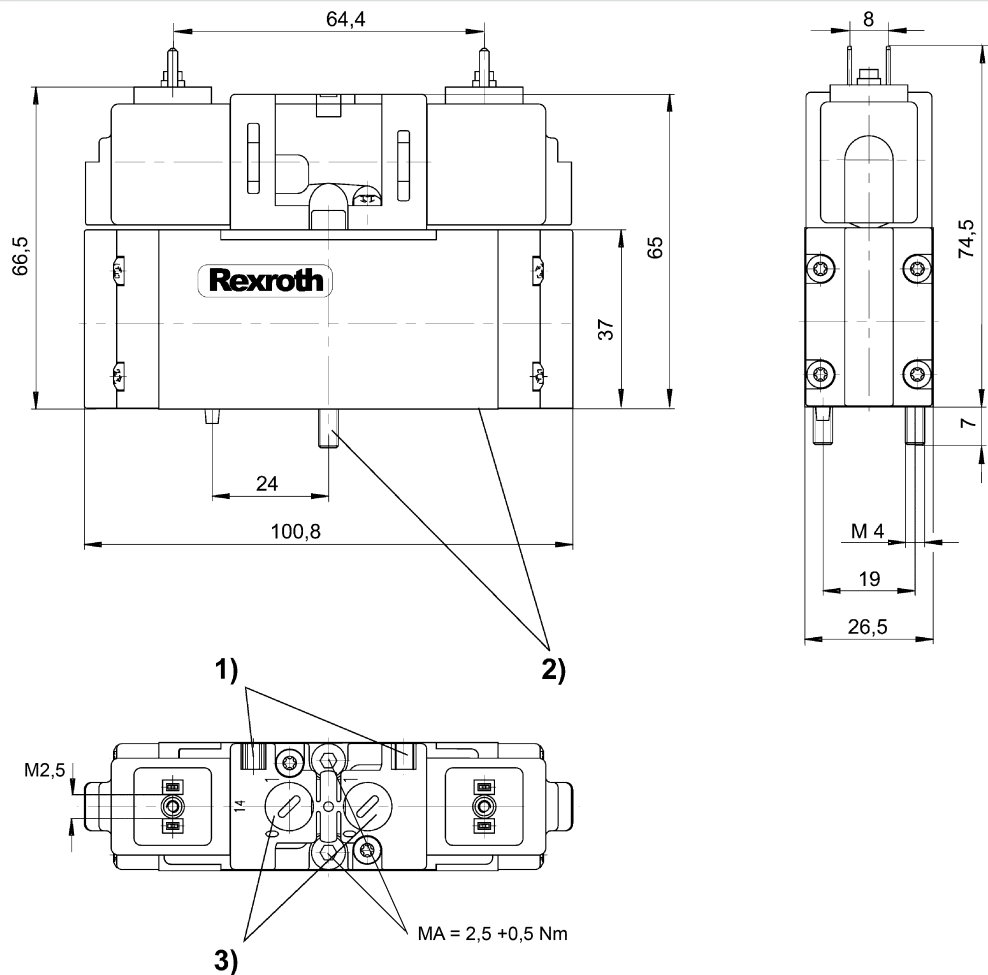
1) Pilot: internal

2) Pilot: external

3) Low power consumption

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

MO = Manual override

Dimensions

1) mounting space for name plate 2) screws and seals captive 3) manual override

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