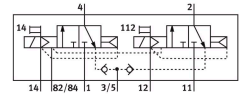


Air solenoid valve CPV10-M1H-2X3-GLS-Y-M7-B-EX

Part number: 553261

FESTO



Data sheet

Feature	Value
Valve function	2x3/2 closed, monostable
Actuation type	Electrical
Valve size	10 mm
Normal nominal flow rate (normalized to DIN 1343)	400 l/min
Pneumatic working port	M7
Operating voltage	24V DC
Operating pressure	0.01 MPa...1 MPa 0.1 bar...10 bar
Structural design	Piston gate valve
Reset method	Pneumatic spring
Degree of protection	IP50
Nominal width	4 mm
Exhaust air function	Cannot be throttled
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting Non-detenting
Type of control	Piloted
Pilot air supply port	External Internal
Flow direction	Non-reversible
Lap	Positive overlap
Pilot pressure MPa	0.3 MPa...0.8 MPa
Pilot pressure	3 bar...8 bar
b-value	0.4
C value	1.6 l/sbar
Switching time off	37 ms
On switching time	17 ms
Duty cycle	100% in combination with holding current reduction
Required current consumption	0.016 A
Max. input power P _i	0.76 W
Max. input voltage V _i	32 V

Feature	Value
Max. input current Ii	0.2 A
Effective internal inductance Li	Negligibly small
Effective internal capacitance Ci	Negligibly small
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C...40 °C
Temperature of medium	-5 °C...50 °C
Ambient temperature	-5 °C...50 °C
Product weight	70 g
Type of mounting	With through-hole
Pilot air port 12/14	Common connection
Pilot exhaust air port 82/84	Common connection
Pneumatic connection 1	Common connection
Pneumatic connection 11	Common connection
Pneumatic connection 2	M7
Pneumatic port 3/5 combined	Common connection
Pneumatic connection 4	M7
Note on materials	RoHS compliant
Seals material	HNBR NBR
Housing material	Die-cast aluminum Brass POM PPS Steel