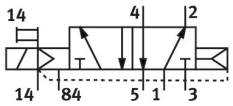
Solenoid valve
CPVSC1-M1LH-M-T-Q3

Part number: 547311



Data sheet

Feature	Value
Valve function	5/2-way, monostable
Type of actuation	Electric
Valve size	10 mm
Standard nominal flow rate (standardised to DIN 1343)	170 l/min
pneumatic working port	QS-3
Operating voltage	24V DC
Operating pressure	-0.09 MPa...0.7 MPa -0.9 bar...7 bar
Design	Piston gate valve
Type of reset	Pneumatic spring
Degree of protection	IP40
Exhaust-air function	Without flow control option
Sealing principle	Soft
Mounting position	optional
Manual override	Detenting Non-detenting
Type of piloting	Pilot actuated
Pilot air supply	External
Flow direction	Non-reversible
lap	Overlap
Signal status display	LED
Pilot pressure	0.3 MPa...0.7 MPa 3 bar...7 bar
Switching time off	10 ms
Switching time on	10 ms
Characteristic coil data	24 V DC: 1.0 W
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistance class CRC	1 - Low corrosion stress

Feature	Value
LABS (PWIS) conformity	VDMA24364-B2-L
Media temperature	-5 °C...50 °C
Ambient temperature	-5 °C...50 °C
Product weight	30.5 g
Electrical connection	2-pin Plugs
Type of mounting	With through-hole
Pilot exhaust port 82/84	Common line
Pneumatic connection, port 1	Common line
Pneumatic connection, port 2	QS-3
Pneumatic connection 3/5 combined	Common line
Pneumatic connection, port 4	QS-3
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Die-cast aluminium