Solenoid Valve CPE24-M1H-5LS-QS-12 - Festo 163186

Item no. FES-163186 | **Manufacturer Festo** | **EAN 4052568133443**

Festo valve for fast, reliable control of compressed-air direction and flow.

TECHNICAL DATA

Actuation type	**Electrical**
Betriebsdruck max [bar]	**10.000000**
Certification	**IEC 60529**
Corrosion resistance class CRC	**2 - moderate corrosion stress**
Design	**Piston pusher**
Dichtmaterial	**NBR**
Durchfluss [l/min]	**1650**
Funktion	**5/2 monostable**
HS-Code	**84812090**
Material	**Aluminium**
Medium	**Compressed air**
Mounting position	**arbitrary**
Nennweite DN [mm]	**11**
Norm	**EN 175301-803**
Operating conditions	**EN 60068-2-27, EN 60068-2-6, ISO 8573-1**
Pneumatic connection	**QS-12**
Protection rating	**IP65**
Series	**CPE24**
Temperature (max.)	**50**
Weight	**0.5 kg**

STANDARDS & COMPLIANCE

IEC 60529 ISO 8573-1:2010 EN 60068-2-6 EN 60068-2-27 EN 175301-803

DESCRIPTION

Festo valve for fast, reliable control of compressed-air direction and flow. The key technical data of this genuine Festo article are listed below.

Valve function	5/2 monostable
Actuation type	Electrical
Build.width [mm]	24
Normal nominal flow [l/min]	1.650
Operating pressure [bar]	-0.9 to 10

Construction set up	Piston pusher
Reset mode	Pneumatic spring
Permission	c UL us - Recognized (OL)
Maritime classification	see Certificate
Protection category	IP65 With Socket acc. to IEC 60529
Nominal width [mm]	11
Sealing principle	Soft
installation position	arbitrary
Hand assist actuation	With Accessories ratcheting tentative
Control type	pilot operated
Control air supply	external
Flow direction	Reversible
Valve space - labelling	Sign carrier
Überdeckung	positive Überdeckung
Shifting time off [ms]	50
Shifting time on [ms]	40
Power-on time	100 %
Max. positive test impulse at 0 signal [µs]	3.300
Max. negative test impulse for 1 signal [µs]	3.100
Coil characteristic value	24 V DC: 1,5 W
Permitted voltage oscillations	-15 % / +10 %
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Oscillation strength	Transport use test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with degree of severity 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistant class KBK	2 - moderate corrosion stress
Medium temperature [°C]	-5 to 50
ambient temperature [°C]	-5 to 50
Electrical connection	Wiring diagram Form C acc. to EN 175301-803
Fastening type	With throughway bores
Exhaust control connection 82	M5
Control air 12 connection	M5
Pneumatic connection 1	QS-12
Pneumatic connection 2	QS-12

Pneumatic connection 3	G3/8
Material information	RoHs compliant
Seals material	NBR
Housing material	Aluminium die casting
Exhaust function	Can be throttled
Exhaust control connection 84	M5
Control air 14 connection	M5
Pneumatic connection 4	QS-12
Pneumatic connection 5	G3/8
Control pressure [bar]	2.5 to 10
control medium	Compressed air to ISO 8573-1:2010 [7:4:4]