

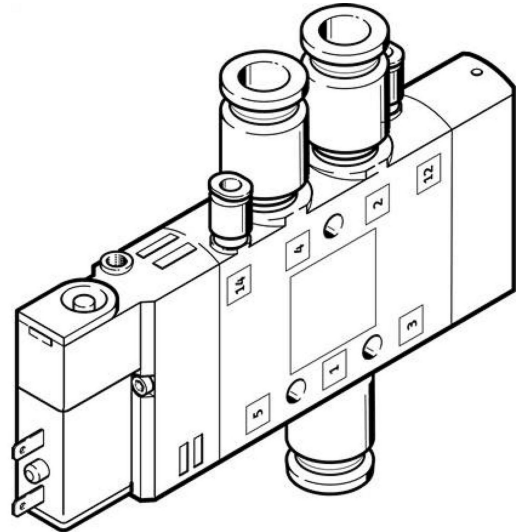
Solenoid Valve CPE14-M1BH-5LS-QS-8 - Festo 196914

Item no. FES-196914 Manufacturer Festo EAN 4052568160012

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

TECHNICAL DATA

Betriebsdruck max [bar]	10.000000
HS-Code	84812090
Pneumatischer Anschluss	QS-8
Schutzart	IP65
Weight	0.14 kg
Werkstoff	Aluminium



STANDARDS & COMPLIANCE

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

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]	14
Normal nominal flow [l/min]	680
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]	6

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]	32
Shifting time on [ms]	24
Power-on time	100 % mit Haltestromabsenkung
Max. positive test impulse at 0 signal [µs]	1.200
Max. negative test impulse for 1 signal [µs]	900
Coil characteristic value	24 V DC: 1,28 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	2 pin
Fastening type	With throughway bores
Exhaust control connection 82	M3
Control air 12 connection	M3
Pneumatic connection 1	QS-8
Pneumatic connection 2	QS-8
Pneumatic connection 3	G1/8
Material information	RoHs compliant
Seals material	NBR
Housing material	Aluminium die casting
Exhaust function	Can be throttled
Exhaust control connection 84	M3

Control air 14 connection	M3
Pneumatic connection 4	QS-8
Pneumatic connection 5	G1/8
Control pressure [bar]	3 to 8
control medium	Compressed air to ISO 8573-1:2010 [7:4:4]