

Data sheet

CPE14-M1BH-5J-1/8 (196939) solenoid valve

Item number:

OT-FESTO010046



Example illustration

Properties

Valve function	5/2 bistable
Actuation type	Electrical
Build.width [mm]	14
Normal nominal flow [l/min]	800
Operating pressure [bar]	2 to 8
Construction set up	Piston pusher
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	Internal
Flow direction	Not reversible
Valve space - labelling	Sign carrier
Überdeckung	positive Überdeckung
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
Product weight [g]	115
Electrical connection	2 pin
Fastening type	With throughway bores
Exhaust control connection 82	M3
Control air 12 connection	M3
Pneumatic connection 1	G1/8
Pneumatic connection 2	G1/8
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	G1/8
Pneumatic connection 5	G1/8
Shifting time um [ms]	13

Further information:

Weight	115 g / pcs
GTIN	4052568015428
Customs duty number	84812090
RoHS compliant	Yes
Manufacturer	Festo

More information on this item and the process for ordering it can be found in our online shop
<https://www.landefeld.com> under item number **OT-FESTO010046**.

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All data are to be understood as non-binding reference values! We do not assume liability for any data selection not confirmed in writing. Unless otherwise specified, pressure values refer to liquids from Group II at +20°C.

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