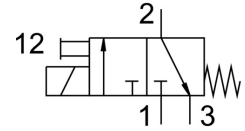
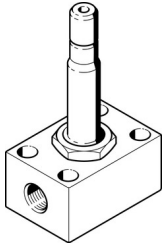


Air solenoid valve MCH-3-1/8

Part number: 2199

FESTO



Data sheet

Feature	Value
Valve function	3/2, closed, monostable
Actuation type	Electrical
Standard nominal flow rate	160 l/min
Pneumatic working port	G1/8
Operating pressure	0 bar ... 7 bar
Design	Poppet valve with return spring
Reset method	Mechanical spring
Degree of protection	IP65
Certification	c CSA us (OL)
Nominal width	2.5 mm
Type code	MCH
Sealing principle	Soft
Manual override	Detenting
Type of control	Direct
Flow direction	Non-reversible
Symbol	00991308
Switching time off	13 ms
On switching time	12 ms
Duty cycle	100%
Coil characteristics	110 V AC: 50/60 Hz, initial power 30.0 VA, holding power 22.0 VA 110 V DC: 12.7 W 120 V AC: 60 Hz, initial power 30.0 VA, holding power 22.0 VA 12 V AC: 50 Hz, initial power 30.0 VA, holding power 22.0 VA 12 V DC: 11.7 W 220 V AC: 50/60 Hz, initial power 30.0 VA, holding power 22.0 VA 220 V DC: 15.0 W 240 V AC: 50 Hz, initial power 30.0 VA, holding power 22.0 VA 240 V DC: 17.9 W 24 V AC: 50 Hz, initial power 30.0 VA, holding power 22.0 VA 24 V DC: 11.0 W 380 V AC: 50/60 Hz, initial power 30.0 VA, holding power 22.0 VA 42 V AC: 50/60 Hz, initial power 30.0 VA, holding power 22.0 VA 42 V DC: 12.0 W 48 V AC: 50 Hz, initial power 30.0 VA, holding power 22.0 VA 96 V DC: 11.0 W
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Storage temperature	-40 °C ... 100 °C
Temperature of medium	-10 °C ... 60 °C
Ambient temperature	-5 °C ... 40 °C
Type of mounting	With through-hole

Feature	Value
Pneumatic connection 1	G1/8
Pneumatic connection 2	G1/8
Pneumatic connection 3	G1/8
Note on materials	RoHS-compliant