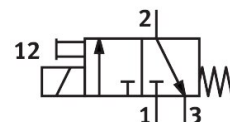


Solenoid valve

MCH-3-1/8

Part number: 2199

FESTO



Data sheet

Feature	Value
Valve function	3/2-way, single solenoid, closed
Type of actuation	Electrical
Standard nominal flow rate (standardised to DIN 1343)	160 l/min
pneumatic working port	G1/8
Operating pressure	0 MPa...0.7 MPa 0 bar...7 bar
Design	Poppet valve with spring return
Type of reset	Mechanical spring
Degree of protection	IP65
Nominal size	2.5 mm
Sealing principle	Soft
Manual override	Detenting
Type of piloting	Direct
Flow direction	Non-reversible
Switching time off	13 ms
Switching time on	12 ms
Duty cycle	100%
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 30.0 VA, holding power 22.0 VA 110 V DC: 12.7 W 120 V AC: 60 Hz, pick-up power 30.0 VA, holding power 22.0 VA 12 V AC: 50 Hz, pick-up power 30.0 VA, holding power 22.0 VA 12 V DC: 11.7 W 220 V AC: 50/60 Hz, pick-up power 30.0 VA, holding power 22.0 VA 220 V DC: 15.0 W 240 V AC: 50 Hz, pick-up power 30.0 VA, holding power 22.0 VA 240 V DC: 17.9 W 24 V AC: 50 Hz, pick-up power 30.0 VA, holding power 22.0 VA 24 V DC: 11.0 W 380 V AC: 50/60 Hz, pick-up power 30.0 VA, holding power 22.0 VA 42 V AC: 50/60 Hz, pick-up power 30.0 VA, holding power 22.0 VA 42 V DC: 12.0 W 48 V AC: 50 Hz, pick-up power 30.0 VA, holding power 22.0 VA 96 V DC: 11.0 W
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
LABS (PWIS) conformity	VDMA24364-C1-L
Storage temperature	-40 °C...100 °C

Feature	Value
Media temperature	-10 °C...60 °C
Ambient temperature	-5 °C...40 °C
Type of mounting	With through-hole
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Note on materials	RoHS compliant