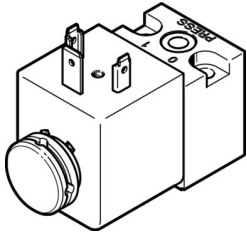


Pilot valve MDH-3/2-24VDC/42VAC

Part number: 119603

FESTO



[General operating condition](#)

Data sheet

Feature	Value
Valve function	3/2-way, single solenoid, closed
Type of actuation	Electrical
Construction width	30 mm
Standard nominal flow rate (standardised to DIN 1343)	50 l/min
pneumatic working port	Sub-base size 30 mm to ISO 15218
Operating voltage	24 V DC 42V AC
Operating pressure	0.1 MPa ... 1.6 MPa
Operating pressure	1 bar ... 16 bar
Operating pressure	14.5 psi ... 232 psi
Design	Poppet seat
Type of reset	Mechanical spring
Degree of protection	IP65
Nominal size	1.3 mm
Grid dimension	42 mm
Exhaust-air function	Cannot be throttled
Based on standard	ISO 15218
Sealing principle	Soft
Mounting position	Any
Conforms to standard	ISO 15218
Manual override	Non-detenting
Type of piloting	Direct
Flow direction	Non-reversible
Symbol	00991308
lap	Underlap
Switching time off	9 ms
Switching time on	11 ms
Duty cycle	100%
Characteristic coil data	24 V DC: 8.4 W 42 V AC: 50 Hz, pick-up power 14.0 VA, holding power 10.0 VA 42 V AC: 60 Hz, pick-up power 12.0 VA, holding power 7.0 VA
Permissible frequency fluctuations	+/-10%
Permissible voltage fluctuations	+/-10%
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress

Feature	Value
LABS (PWIS) conformity	VDMA24364-B2-L
Media temperature	-15 °C ... 80 °C
Ambient temperature	-15 °C ... 50 °C
Product weight	140 g
Electrical connection	To DIN EN 175301-803
Type of mounting	On sub-base With through-hole
Pneumatic connection, port 1	Sub-base
Pneumatic connection, port 2	Sub-base
Pneumatic connection, port 3	Not ducted
Note on materials	RoHS compliant
Material seals	Fluoro rubber