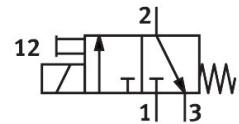
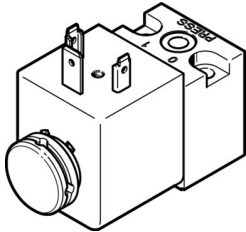


Pilot valve

MDH-3/2-24VDC/42VAC

Part number: 119603

FESTO



Data sheet

Feature	Value
Valve function	3/2-way, closed, monostable
Type of actuation	Electric
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	24V DC 42V AC
Operating pressure	0.1 MPa...1.6 MPa 1 bar...16 bar 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	Without flow control option
Based on standard	ISO 15218
Sealing principle	Soft
Mounting position	optional
Conforms to standard	ISO 15218
Manual override	Non-detenting
Type of piloting	Direct
Flow direction	Non-reversible
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]

Feature	Value
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
LABS (PWIS) conformity	VDMA24364-B2-L
Media temperature	-15 °C...80 °C
Ambient temperature	-15 °C...50 °C
Product weight	140 g
Electrical connection	Type A 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	FPM