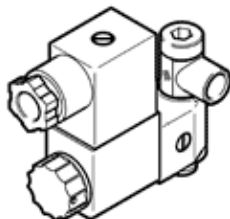


pilot valve

VOFX-LT-M32C-MY-G18-SG18-1-EX4-M

Part number: 8178212

FESTO



Data sheet

Feature	Value
Valve function	3/2 closed, monostable
Type of actuation	electrical
Width	22 mm
Standard nominal flow rate	50 l/min
Operating pressure MPa	-0.09 ... 0.8 MPa
Operating pressure	-0.9 ... 8 bar
Design structure	Directly actuated poppet valve
Type of reset	mechanical spring
Protection class	IP65
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX) in accordance with EU RoHS directive
Explosion protection certification outside the EU	EPL Db (BR) EPL Db (CN) EPL Db (IEC-EX) EPL Gb (BR)
Certificate issuing department	DNVGL-TAA000011J IECEX PTB 15.0016X PTB 14 ATEX 2027 X
ATEX category Gas	II 2G
ATEX category Dust	II 2D
Explosion ignition protection type Gas	Ex mb IIC T6 Gb
Explosion ignition protection type Dust	Ex mb tb IIIC T80°C Db
Explosion-proof ambient temperature	-20°C ≤ Ta ≤ +50°C
Nominal size	1.3 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting
Type of piloting	direct
Pilot air supply	Internal
Flow direction	non reversible
Duty cycle	100 %
Insulation class	F
Characteristic coil data	24 V DC: 2.6 W
Permissible voltage fluctuation	+/- 10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364 zone III
Ambient temperature	-10 ... 50 °C
Product weight	418 g
Electrical connection	Cable
Cable length	3 m
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	M5
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	PA
Material solenoid coil	Copper