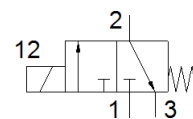
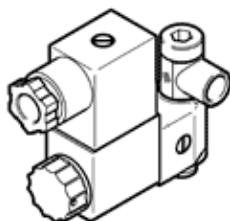


Pilot valve

VOFX-LT-M32C-MY-G18-SG18-1A1-EX2-N

Part number: 8178211

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
Working pressure	-0.9 ... 8 bar
Design structure	Directly actuated poppet valve
Type of reset	mechanical spring
Protection class	IP65
CE symbol (see declaration of conformity)	according to EU-Ex protection guideline (ATEX)
Certificate issuing department	DNVGL-TAA000011J
ATEX category Gas	II 3G
ATEX category Dust	II 3D
Explosion ignition protection type Gas	Ex nA IIC T5/T4 X Gc
Explosion ignition protection type Dust	Ex tc IIIC T95°C/T105°C X Dc
Explosion-proof ambient temperature	-20°C ≤ Ta ≤ +60°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: 2.1 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	160 g
Electrical connection	3-pin Plug pattern type B to EN 175301-803 Plug to EN 175301-803
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