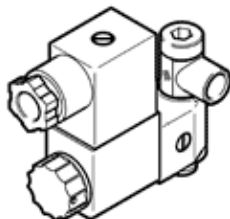


# pilot valve

## 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
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)
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