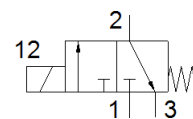
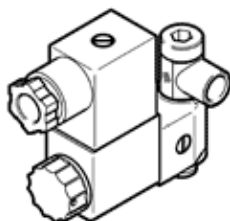


# Pilot valve

## 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
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) 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