

Pilot valve

VOFX-LT-M32C-MY-G18-SG18-1C3-EX4-M

Part number: 8178212

FESTO



Data sheet

Feature	Value
Valve function	3/2-way, closed, monostable
Type of actuation	Electric
Construction width	22 mm
Standard nominal flow rate (standardised to DIN 1343)	50 l/min
pneumatic working port	G1/8
Operating voltage	24V DC
Operating pressure	-0.09 MPa...0.8 MPa -0.9 bar...8 bar -13.05 psi...116 psi
Design	Directly actuated poppet valve
Type of reset	Mechanical spring
Degree of protection	IP65
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (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 authority	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 for gas	Ex mb IIC T6 Gb
Explosion ignition protection type for dust	Ex mb tb IIIC T80°C Db
Explosion ambient temperature	-20 °C ≤ Ta ≤ +50 °C
Nominal size	1.3 mm
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Manual override	Detenting
Type of piloting	Direct
Pilot air supply	Internal
Flow direction	Non-reversible

Feature	Value
Duty cycle	100%
Insulation material class	F
Characteristic coil data	24 V DC: 2.6 W
Permissible voltage fluctuations	+/- 10 %
Explosion protection	Zone 1 (ATEX) Zone 1 (BR) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (BR) Zone 21 (CN) Zone 21 (IEC-EX) Zone 22 (ATEX)
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	-10 °C...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
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	PA
Material solenoid coil	Copper