

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
Actuation type	Electrical
Width	22 mm
Standard nominal flow rate	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
Structural design	Directly controlled poppet valve
Reset method	Mechanical spring
Degree of protection	IP65
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
Certificate issuing authority	DNVGL-TAA000011J
ATEX category gas	II 3G
ATEX category for dust	II 3D
Type of ignition protection for gas	Ex nA IIC T5/T4 X Gc
Type of (ignition) protection for dust	Ex tc IIIC T95°C/T105°C X Dc
Explosive ambient temperature	-20°C ≤ Ta ≤ +60°C
Nominal width	1.3 mm
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting
Type of control	Direct
Pilot air supply port	Internal
Flow direction	Non-reversible
Duty cycle	100%
Insulation class	F
Coil characteristics	24 V DC: 2.1 W
Permissible voltage fluctuations	+/- 10 %

Feature	Value
Explosion prevention and protection	Zone 2 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per 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	160 g
Electrical connection	3-pin Form B Plug as per EN 175301-803
Pneumatic connection 1	G1/8
Pneumatic connection 2	G1/8
Pneumatic connection 3	M5
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	PA
Solenoid coil material	Copper