On/off valve
MS6-EE

Part number: 527682



Data sheet

Feature	Value
Design	Piston gate valve
Type of actuation	Electrical
Exhaust-air function	Cannot be throttled
Manual override	Detenting None Non-detenting
Type of reset	Mechanical spring
Type of piloting	Piloted
Valve function	3/2-way, single solenoid, closed
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/4 With pressure sensor With pressure gauge
Operating pressure	4 bar...18 bar
Standard nominal flow rate (standardised to DIN 1343)	2600 l/min...7000 l/min
Duty cycle	100%
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 3.0 VA, holding power 2.4 VA 230 V AC: 50/60 Hz, pick-up power 3.0 VA, holding power 2.4 VA 24 V DC: 1.5 W 24 V DC: 2.5 W
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gas
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-10 °C...60 °C
Degree of protection	IP65
Ambient temperature	-10 °C...60 °C
Approval	c UL us - Recognised (Oil)
KC mark	KC-EMV
CE mark (see declaration of conformity)	To EU EMC Directive To EU Explosion Protection Directive (ATEX) To EU Low Voltage Directive In accordance with EU RoHS Directive

Feature	Value
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK EX instructions To UK RoHS instructions To UK regulations for electrical equipment
Explosion protection certification outside the EU	EPL Dc (GB) EPL Gc (GB)
Explosion protection	Zone 2 (ATEX) Zone 2 (UKEX) Zone 22 (ATEX) Zone 22 (UKEX)
ATEX category gas	II 3G
ATEX category dust	II 3D
Explosion ignition protection type for gas	Ex nA IIC T4 X Gc
Explosion ignition protection type for dust	Ex tc IIIC T105°C IP65 Dc X
Explosion ambient temperature	-10°C <= Ta <= +60°C
Suitable for use with food	See supplementary material information
Type of mounting	Either: Inline installation With accessories
Mounting position	Any
Flow direction	Non-reversible
Product weight	740 g
Pneumatic connection, port 3	G1/2
Pilot air supply	Internal
Material seals	NBR
Material housing	Die-cast aluminium