Soft-start valve
MS6-DE

Part number: 527686



Data sheet

Feature	Value
Type of actuation	Electrical
Mounting position	Any
Manual override	Detenting Non-detenting
Design	Piston seat
Type of reset	Mechanical spring
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	Non-reversible
Valve function	2/2
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	With pressure sensor
Switching position indicator	With accessories
Operating pressure	4 bar...18 bar
Standard nominal flow rate (standardised to DIN 1343)	2600 l/min...6450 l/min
Duty cycle	100%
Approval	c UL - Recognized (OL) 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
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

Feature	Value
Explosion ignition protection type for dust	Ex tc IIIC T105°C IP65 Dc X
Explosion ambient temperature	-10°C <= Ta <= +60°C
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
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitable for use with food	See supplementary material information
Media temperature	-10 °C...60 °C
Degree of protection	IP65
Ambient temperature	-10 °C...60 °C
Product weight	680 g
Electrical connection	Type C Plug To DIN EN 175301-803 Square design
Signal status display	With accessories
Type of mounting	Either: Inline installation With accessories
Note on materials	RoHS compliant
Material seals	NBR
Material housing	Die-cast aluminium