On/off valve
MS4-EM1
Part number: 541266



Data sheet

Feature	Value
Design	Rotary switching valve
Type of actuation	Manual
Exhaust-air function	Cannot be throttled
Type of piloting	Direct
Valve function	3/2-way, double solenoid
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/4 Prepared for G1/8 With pressure sensor With pressure gauge
Operating pressure	0 bar...14 bar
Standard nominal flow rate (standardised to DIN 1343)	1200 l/min...2200 l/min
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
Ambient temperature	-10 °C...60 °C
Approval	c UL us - Recognised (Oil)
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Explosion protection	Zone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) Zone 22 (ATEX)
ATEX category gas	II 2G
ATEX category dust	II 2D
Explosion ignition protection type for gas	Ex h IIC T6 Gb X

Feature	Value
Explosion ignition protection type for dust	Ex h IIIC T60°C Db 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
Pneumatic connection, port 3	G1/4
Material seals	TPE-U(PU)
Material housing	Die-cast aluminium