Lubricator
MS4-LOE
Part number: 527701



Data sheet

Feature	Value
Size	4
Series	MS
Mounting position	Vertical +/-5°
Design	Proportional standard mist lubricator
Max. oil capacity	30 cm³
Bowl guard	Plastic bowl guard Integrated as metal bowl
Operating pressure	1 bar...12 bar
Min. flow rate for lubricator function	40 l/min
Standard nominal flow rate (standardised to DIN 1343)	1100 l/min...2200 l/min
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
Explosion ignition protection type for dust	Ex h IIIC T60°C Db 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
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C...60 °C
Suitable for use with food	See supplementary material information
Media temperature	-10 °C...60 °C

Feature	Value
Oil viscosity	ISO VG 32
Ambient temperature	-10 °C...60 °C
Type of mounting	Either: Inline installation With accessories
Note on materials	RoHS compliant
Material housing	Die-cast aluminium
Material bowl	Wrought aluminium alloy