Membrane air dryer
MS4-LDM1

Part number: 543628



Data sheet

Feature	Value
Size	4
Series	MS
Mounting position	Vertical +/-5°
Design	Membrane air dryer
Operating pressure	3 bar...12.5 bar
Standard nominal flow rate (standardised to DIN 1343)	50 l/min...100 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	+2°C <= Ta <= +50°C
Operating medium	Compressed air to ISO 8573-1:2010 [1:4:2]
Note on operating and pilot medium	Lubricated operation not possible
Pressure dew point drop	20 K
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C...60 °C
Suitable for use with food	See supplementary material information
Air purity class at output	Compressed air to ISO 8573-1:2010 [1:3:2]
Media temperature	2 °C...50 °C
Ambient temperature	2 °C...50 °C
Type of mounting	Either:

Feature	Value
	Inline installation With accessories
Note on materials	RoHS compliant
Material housing	Die-cast aluminium
Material bowl	Wrought aluminium alloy