

Membrane air dryer MS4-LDM1

Part number: 543628

FESTO



Data sheet

Feature	Value
Size	4
Series	MS
Mounting position	Vertical +/- 5°
Structural design	Membrane dryer
Operating pressure	3 bar...12.5 bar
Standard nominal flow rate	50 l/min...100 l/min
Certification	c UL us - Recognized (OL)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
UKCA marking (see declaration of conformity)	acc. to UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Explosion prevention and 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 for dust	II 2D
Type of ignition protection for gas	Ex h IIC T6 Gb X
Type of (ignition) protection for dust	Ex h IIIC T60°C Db X
Explosive ambient temperature	+2°C ≤ Ta ≤ +50°C
Operating medium	Compressed air as per ISO 8573-1:2010 [1:4:2]
Information on operating and pilot media	Operation with oil lubrication not possible
Pressure dew point reduction	20 K
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C...60 °C
For use in the food industry	See supplementary material information
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [1:3:2]
Temperature of medium	2 °C...50 °C
Ambient temperature	2 °C...50 °C

Feature	Value
Type of mounting	Line installation With accessories Optionally:
Note on materials	RoHS-compliant
Housing material	Die-cast aluminum
Material of bowl	Wrought aluminum alloy