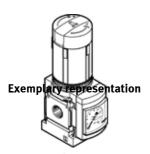# Pressure regulator
MS4-LR

Part number: 527690
★ Core product range

For manifold assembly, with G thread.

FESTO

Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	4
Series	MS
Actuator lock	Rotary knob with lock Rotary knob with integrated lock with accessories, lockable
Assembly position	Any
Design structure	Pressure regulator with gauge
Controller function	Output pressure constant with secondary exhaust with return flow
Pressure gauge	Prepared for G1/4 Prepared for G1/8 with pressure sensor with pressure gauge
Operating pressure MPa	0.08 ... 1.4 MPa
Working pressure	0.8 ... 14 bar
Pressure regulation range	0.3 ... 12 bar
Max. pressure hysteresis (MPa)	0.025 MPa
Max. pressure hysteresis	0.25 bar 3.625 psi
Standard nominal flow rate	1,000 ... 2,200 l/min
Authorization	c UL us - Recognized (OL)
CE symbol (see declaration of conformity)	according to EU-Ex protection guideline (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
ATEX category Gas	II 2G
ATEX category Dust	II 2D
Explosion ignition protection type Gas	Ex h IIC T6 Gb X
Explosion ignition protection type Dust	Ex h IIIC T60°C Db X
Explosion-proof ambient temperature	-10°C <= Ta <= +60°C
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-10 ... 60 °C
Food-safe	See Supplementary material information
Medium temperature	-10 ... 60 °C
Ambient temperature	-10 ... 60 °C
Product weight	225 g

Feature	Value
Mounting type	Front panel installation Line installation with accessories Optional
Materials note	Conforms to RoHS
Material of connecting plate	Aluminum die cast
Material seals	NBR
Material housing	Aluminum die cast
Material membrane	NBR