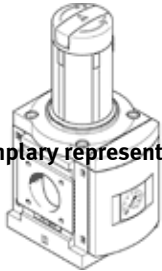


Pressure regulator MS9-LR

Part number: 562530

FESTO

For manifold assembly, with G thread.



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	9
Series	MS
Actuator lock	Rotary knob with lock Rotary knob with integrated lock with accessories, lockable
Assembly position	Any
Design structure	directly-controlled diaphragm regulator Pilot actuated diaphragm regulator
Controller function	Output pressure constant with initial pressure compensation with secondary exhaust with return flow Without secondary venting
Pressure gauge	Prepared for G1/4 Prepared for G1/8 Red/green scale with pressure sensor with pressure gauge With operational status indicator
Working pressure	1 ... 20 bar
Pressure regulation range	0.5 ... 16 bar
Max. pressure hysteresis	0.4 bar
Max. standard flow rate	32,000 l/min
Standard nominal flow rate	11,000 ... 30,000 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
Medium temperature	-10 ... 60 °C

Feature	Value
Ambient temperature	-10 ... 60 °C
Mounting type	Front panel installation Line installation with accessories Optional
Material of cover	PA-reinforced
Material of connecting plate	Aluminum die cast
Material mounting bracket	Aluminum die cast
Material housing	Aluminum die cast
Material module connector	Aluminum die cast
Material membrane	NBR
Material valve stem	Wrought Aluminum alloy NBR POM