

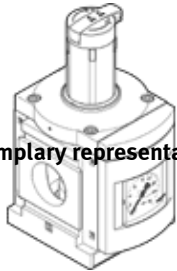
# pressure regulator MS12N-LR

Part number: 535024

FESTO

With NPT thread

Exemplary representation



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	12
Series	MS
Actuator lock	Rotary knob with lock Rotary knob with integrated lock with accessories, lockable
Assembly position	Any
Design structure	Pilot actuated diaphragm regulator
Controller function	Output pressure constant with initial pressure compensation with secondary exhaust with return flow
Pressure gauge	with pressure gauge
Operating pressure MPa	0.08 ... 2.1 MPa
Operating pressure	0.8 ... 21 bar
Pressure regulation range	0.15 ... 16 bar
Flow rate, secondary venting	≤ 600 l/min
Standard nominal flow rate	12,000 ... 22,000 l/min
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-10 ... 60 °C
Medium temperature	-10 ... 60 °C
Ambient temperature	-10 ... 60 °C
Mounting type	Line installation With mounting bracket Optional
Material of cover	PA
Materials note	Conforms to RoHS
Material underneath cover	Wrought Aluminium alloy
Material seals	NBR
Material spring	Spring steel
Material housing	Aluminium die cast
Material membrane	NBR
Material valve stem	Wrought Aluminium alloy NBR High alloy steel, non-corrosive