

Pressure regulator MS6-LR

Part number: 527663

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	6
For use in the food industry	See supplementary material information
Type code	MS6-LR
Series	MS
Actuator lock	Rotary knob with detent Rotary knob with integrated lock can be closed with accessories
Mounting position	Any
Design	Pressure regulator with pressure gauge Pressure regulator without pressure gauge
Controller function	Outlet pressure constant With primary pressure compensation With secondary exhausting
Pressure gauge	G1/4 prepared G1/8 prepared with pressure sensor with pressure gauge with pressure gauge in rotary knob
Operating pressure	0.8 bar ... 20 bar
Pressure regulation range	0.3 bar ... 16 bar
Max. pressure hysteresis	0.25 bar
Standard nominal flow rate	2200 l/min ... 7500 l/min
ATEX category gas	II 2G
Type of ignition protection for gas	Ex h IIC T6 Gb X
ATEX category for dust	II 2D
Type of (ignition) protection for dust	Ex h IIIC T60°C Db X
Explosive ambient temperature	-10°C ≤ Ta ≤ +60°C
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Storage temperature	-10 °C ... 60 °C
Temperature of medium	-10 °C ... 60 °C

Feature	Value
Ambient temperature	-10 °C ... 60 °C
Certification	c UL us - Recognized (OL)
Type of mounting	Front panel mounting Line installation With accessories Optionally:
Note on materials	RoHS-compliant
Seals material	NBR
Compressed air filter material	PE
Housing material	Die-cast aluminum
Diaphragm material	NBR
Separating disc material	POM