filter regulator
MS4N-LFR
Part number: 527694

With NPT thread

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	Vertical +/- 5°
Grade of filtration	5 ... 40 µm
Condensate drain	fully automatic
	manual rotary
	semi-automatic
Design structure	Filter regulator with pressure gauge
	Filter regulator without pressure gauge
Controller function	Output pressure constant
	with secondary exhaust
	with return flow
Bowl guard	Plastic guard
	integrated as metal shell
Pressure gauge	Prepared for G1/4
	Prepared for G1/8
	with pressure sensor
	with pressure gauge
Operating pressure MPa	0.08 ... 1.4 MPa
Operating pressure	0.8 ... 14 bar
Pressure regulation range	0.3 ... 12 bar
Max. pressure hysteresis	0.25 bar
Standard nominal flow rate	850 ... 1,800 l/min
Authorisation	c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
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 to ISO 8573-1:2010 [-:4:-]
	Compressed air in accordance with ISO8573-1:2010 [7:4:-]
	Inert gases
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

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