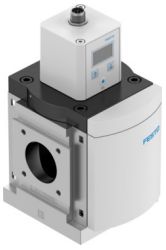
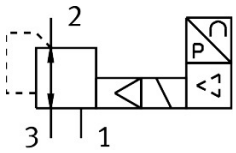
Pressure regulator
MS9-LR-G-PI10-VS

Part number: 8203865





General operating condition

Data sheet

Feature	Value
Size	9
Series	MS
Mounting position	optional
Design	Piloted precision pressure regulator
Controller function	Output pressure constant Via primary pressure compensation With secondary venting
Symbol	00995303
Operating pressure	6 bar ... 11 bar
Pressure regulation range	0.1 bar ... 10 bar
Max. pressure hysteresis	0.05 bar
Operational voltage range DC	21.6 V ... 26.4 V
Max. electrical power consumption	4.2 W
Max. current consumption	0.16 A
Nominal operating voltage DC	24 V
Residual ripple	10 %
Signal range analogue input	4 - 20 mA
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases
Note on operating and pilot medium	Lubricated operation not possible
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C ... 60 °C
Media temperature	10 °C ... 50 °C
Ambient temperature	0 °C ... 60 °C
Product weight	1400 g
Type of mounting	Either: In-line installation With accessories
Material covering	PA-reinforced
Note on materials	RoHS-compliant
Material sub-base	Die-cast aluminium
Material mounting bracket	Die-cast aluminium
Material housing	Die-cast aluminium
Material module connector	Die-cast aluminium
Material membrane	NBR

Feature	Value
Material valve stem	Wrought aluminium alloy NBR POM