Pressure regulator
MS9-LR-G-PI10-VS

Part number: 8203865



Data sheet

Feature	Value
Size	9
Series	MS
Mounting position	Any
Design	Piloted precision pressure regulator
Controller function	Output pressure constant With primary pressure compensation With secondary exhausting
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 gas
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
Cleanroom suitability, measured according to ISO 14644-14	Class 7 according to ISO 14644-1
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: Inline installation With accessories
Material covering	Reinforced PA
Note on materials	RoHS compliant
Material sub-base	Die-cast aluminium
Material mounting bracket	Die-cast aluminium

Feature	Value
Material housing	Die-cast aluminium
Material module connector	Die-cast aluminium
Material membrane	NBR
Material valve stem	Wrought aluminium alloy NBR POM