Service unit
MSE6-E2M-5000-FB37-AGD

Part number: 3992150



Data sheet

Feature	Value
Size	6
Series	MSE
Mounting position	Horizontal +/-5°
Valve function	2/2 open, monostable
Type of reset	Mechanical spring
Operating pressure	0.35 MPa...1 MPa 3.5 bar...10 bar 50.75 psi...145 psi
Pressure regulation range	0.25 MPa...1 MPa 2.5 bar...10 bar 36.25 psi...145 psi
Max. pressure hysteresis	0.03 MPa 0.3 bar 4.35 psi
Standard nominal flow rate (standardised to DIN 1343)	4500 l/min
Duty cycle	100%
Max. current consumption, load	100 mA
Max. current consumption, logic	300 mA
Approval	RCM trademark
KC mark	KC-EMV
CE mark (see declaration of conformity)	To EU EMC Directive 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 to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation not possible
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C...60 °C
Media temperature	0 °C...50 °C
Degree of protection	IP65 With plug socket
Ambient temperature	0 °C...50 °C
Product weight	3300 g

Feature	Value
Electrical connection	4-pin M18 Plugs
Pneumatic connection, port 1	G1/2
Pneumatic connection, port 2	G1/2
Material seals	NBR
Material housing	Die-cast aluminium
Material covering	PA-reinforced
Material cover	PA-reinforced
Field bus interface	2x socket, M12x1, 4-pin, D-coded
Operating voltage range DC electronics/sensors	18 V...30 V
Operating voltage DC load voltage	18 V...26.4 V
Reverse polarity protection	For operating voltage connections
Displayable units	kPa l l/min m3 mbar psi scf scfm
Start value for flow rate measuring range	50 l/min
End value for flow rate measuring range	5000 l/min
Accuracy of flow rate	± (3% o.m.v. + 0.3% FS)
Start value for pressure measuring range	0 MPa 0 bar 0 psi
End value for pressure measuring range	1.4 MPa 14 bar 203 psi
Accuracy in ± % FS	3 %FS