Energy efficiency module
MSE6-C2M-5000-FB44-D-M-HB-RG-BAR-AMI-AGE

Part number: 8217138



Data sheet

Feature	Value
Size	6
Series	MSE
Mounting position	±5° horizontal
Manual override	Detenting via accessory
Valve function	2/2-way, single solenoid, open
Type of reset	Mechanical spring
Operating pressure	0.5 MPa...1.1 MPa 5 bar...11 bar 72.5 psi...159.5 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)	7000 l/min
Duty cycle	100%
Max. current consumption, load	260 mA
Max. current consumption, logic	320 mA
Max. resultant current	1 A
Approval	RCM
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

Feature	Value
Product weight	4550 g
Electrical connection	5-pin AIDA push-pull
Pneumatic connection, port 1	G3/4
Pneumatic connection, port 2	G3/4
Material seals	NBR
Material housing	Die-cast aluminium
Material covering	Reinforced PA
Material cover	Reinforced PA
Field bus interface	2x RJ45 push-pull socket, AIDA
Operating voltage range DC electronics/sensors	18 V...30 V
Operating voltage DC load voltage	21.6 V...28.8 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
Number of inputs	2
Switching logic for inputs	PNP (positive switching)
Number of outputs	2
Switching logic for outputs	PNP (positive switching)
Max. power supply per channel	1 A (12 W lamp load)