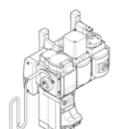
energy efficiency module MSE6-C2M-5000-FB43-D-M-RG-BAR-M12L4-MQ1-AGD Part number: 8169407

FESTO



Data sheet

Size 6 Series MSE Assembly position Horizontal +/- 5° Valve function 2/2 open, monostable Operating pressure MPa 0.5 1.1 MPa Operating pressure 5 11 bar Standard nominal flow rate 7,000 l/min Authorisation RCM Mark KC mark KC-EMV CE mark (see declaration of conformity) to EU directive for EMC in accordance with EU RoHS directive UKCA marking (see declaration of conformity) To UK instructions UKCA marking (see declaration of conformity) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation not possible WISC conformity VDMA24364-81/82-1 Storage temperature 10 60 °C Medium temperature 0 50 °C Protection class With plug socket Ambient temperature 0 50 °C Product weight 4,455 g Electrical connection, port 1 61/2 Pneumatic connection, port
Assembly position Horizontal +/- 5° Valve function 2/2 open, monostable Operating pressure MPa Operating pressure 5 11 MPa Standard nominal flow rate XC mark Standard nominal flow rate CE mark (see declaration of conformity) To UK marking (see declaration of conformity) UKCA marking (see declaration of conformity) To UK RoHS instructions for EMC To UK RoHS instructions Operating and pilot medium Lubricated operation on to possible PWIS conformity VDMA2364-B1/B2-L Storage temperature 1-0 60°C Medium temperature 0 50°C Protection class With plug socket Ambient temperature 0 50°C Product weight 4,455 g Electrical connection, port 1 Pneumatic connection, port 2 Material seals Material bousing Material Gover Material Gover Fieldbus interface Fieldbus interface 1-2, 2 occhet, M12x1, 4-pin, D-coded
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Fieldbus interface 2x socket, M12x1, 4-pin, D-coded
Operating voltage range, DC electronics/sensors 18 30 V
DC operating voltage, load voltage 21.6 28.8 V
Polarity protected For operating voltage connections
Unit(s) that can be displayed kPa
l/min
m3
mbar
psi
scf
scfm
Flow measurement range initial value 50 l/min
Flow measurement range final value 5,000 l/min
Accuracy of flow rate ± (3% o.m.v. + 0,3% FS)
Pressure measuring range start value (MPa) 0 MPa



Feature	Value
Pressure measuring range, initial value	0 bar
Pressure measuring range start value (psi)	0 psi
Pressure measuring range end value (MPa)	1.4 MPa
Pressure measuring range, final value	14 bar
Pressure measuring range end value (psi)	203 psi
Accuracy, FS	3 %FS
No. of inputs	2
Input circuit logic	PNP (positive-switching)
No. of outputs	2
Switching logic, outputs	PNP (positive-switching)
Max. power supply per channel	1 A (12 W lamp load)