

# Socket MSSD-EB-M12

Part number: 539712

FESTO



 [General operating condition](#)

## Data sheet

Feature	Value
Conforms to standard	EN 175301-803
Frequency of connection	50
Cable outlet	Angled
Note on cable outlet	Can be rotated 90°
Mounting position	Any
Product weight	11 g
Electrical connection 1	Socket, to EN 175301-803, type C
Electrical connection 1, function	Field device side
Electrical connection 1, design	Square
Electrical connection 1, connection type	Socket
Electrical connection 1, connector system	Plug pattern type C to EN 175301-803
Electrical connection 1, number of connections/cores	3
Electrical connection 1, used connections/cores	3
Electrical connection 1, type of mounting	On solenoid valve via M2.5 central screw
Electrical connection 1, connection pattern	00995650
Electrical connection 2, function	Control side
Electrical connection 2, connection type	Cable
Electrical connection 2, connector system	Screw terminal
Electrical connection 2, number of connections/cores	3
Electrical connection 2, used connections/cores	3
Operational voltage range DC	0 V ... 300 V
Operational voltage range AC	0 V ... 250 V
Current rating at 40° C	6 A
Immunity to surge	4 kV
Protective conductor connection	Available
Cable fitting	Pg7
Cable diameter	4 mm ... 6 mm
Connection cross section	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Degree of protection	IP67
Note on degree of protection	In mounted state
Ambient temperature	-40 °C ... 125 °C
CE mark (see declaration of conformity)	To EU Low Voltage Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions To UK regulations for electrical equipment
LABS (PWIS) conformity	VDMA24364-B2-L

<b>Feature</b>	<b>Value</b>
Note on materials	RoHS compliant
Pollution degree	3
Note on the contamination level	In mounted state
Corrosion resistance class CRC	1 - Low corrosion stress
Material housing	Reinforced PA6 Reinforced PA66
Housing colour	Black
Material screw-type lock	Galvanised steel
Material screws	Galvanised steel
Material seals	HNBR
Material electrical contact	Brass nickel-plated Silver-plated