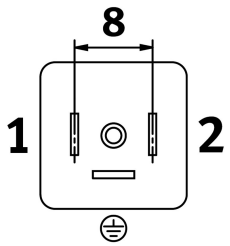
Socket
MSSD-EB-M12

Part number: 539712





Data sheet

Feature	Value
Conforms to standard	EN 175301-803
Contact durability	50
Cable outlet	Angled
Note on cable outlet	Can be rotated through 90°
Mounting position	Any
Product weight	11 g
Electrical connection 1	Socket, as per EN 175301-803, form C
Electrical connection 1, function	Field device side
Electrical connection 1, design	Square
Electrical connection 1, connection type	Socket
Electrical connection 1, connection technology	Connection diagram type C as per EN 175301-803
Electrical connection 1, number of pins/wires	3
Electrical connection 1, occupied pins/wires	3
Electrical connection 1, type of mounting	On air solenoid valve with M2.5 central screw
Electrical connection 2, function	Control side
Electrical connection 2, connection type	Cable
Electrical connection 2, connection technology	Screw terminal
Electrical connection 2, number of pins/wires	3
Electrical connection 2, occupied pins/wires	3
DC operating voltage range	0 V...300 V
Operating voltage range AC	0 V...250 V
Current rating at 40° C	6 A
Surge resistance	4 kV
Protective earth connection	Available
Cable fitting	Pg7
Cable diameter	4 mm...6 mm
Connection cross section	0.5 mm²...1.5 mm²
Degree of protection	IP67

Feature	Value
Note on degree of protection	In mounted state
Ambient temperature	-40 °C...125 °C
CE marking (see declaration of conformity)	As per EU low voltage directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions To UK instructions for electrical equipment
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS compliant
Contamination level	3
Note on the contamination level	In mounted state
Corrosion resistance class (CRC)	1 - Low corrosion stress
Housing material	Reinforced PA6 PA66-reinforced
Housing colour	Black
Material of screw-type lock	Galvanized steel
Material of screws	Galvanized steel
Seals material	HNBR
Material of pin contacts	Brass Nickel-plated Silver-plated