

# Plug socket MSSD-EB-M12-24VDC-SD-EX

Part number: 570367

FESTO



 General operating condition

## Data sheet

Feature	Value
Based on standard	EN 175301-803
Conforms to standard	EN 61984
Explosion protection	The information in the certificate must be observed! Zone 2 (ATEX) Zone 22 (ATEX)
Frequency of connection	50
Cable outlet	Angled
Note on cable outlet	Can be rotated 90°
Electrical connection 1, function	Field device side
Electrical connection 1, design	Square
Electrical connection 1, connection type	Socket
Electrical connection 1, cable outlet	Angled
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, 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 ... 30 V
Operational voltage range AC	0 V ... 24 V
Current rating at 40° C	6 A
Immunity to surge	0.8 kV
Protective conductor connection	Available
Cable fitting	M12x1.5
Permissible cable diameter	4 mm ... 6 mm
Connection cross section	0.25 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>
Degree of protection	IP65 To IEC 60529
Note on degree of protection	In mounted state
Ambient temperature	-25 °C ... 125 °C
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS compliant
Pollution degree	3

<b>Feature</b>	<b>Value</b>
Note on the contamination level	In mounted state
Corrosion resistance class CRC	2 - Moderate corrosion stress
Material housing	Reinforced PA
Housing colour	Black
Material seals	HNBR
Material electrical contact	Tin-plated brass