

Plug connectors NECV for valves, for self-assembly

Technical data

Plug socket MSSD-EB

- For valves with EB and N2 solenoid coils



General technical data				
Type		MSSD-EB	MSSD-EB-M12	MSSD-EB-S-M14
Electrical connection		Angled socket	Angled socket	Socket
		3-pin	3-pin	4-pin
		Screw terminal	Screw terminal	Insulation displacement connector
		Square design MSEB/MSN2	Square design	–
		Type C	Type C	Type C
		To EN 175301-803	To EN 175301-803	–
		To DIN EN 61984	–	–
Nominal operating voltage	[V AC]	250	–	250
	[V DC]	300	–	300
Surge capacity	[kV]	4	–	2.5
Acceptable current load	[A]	6	–	3
Cable connector		Pg7	M12	M14
Permissible cable diameter	[mm]	6 ... 8	4 ... 6	4 ... 6
Connection cross section	[mm ²]	0.75	1.5	0.25 ... 0.5
Connection frequency		–	50	10
Type of mounting		M2.5 central screw	M2.5 central screw	M2.5 central screw
Mounting position		Any	Any	Any
Protection class to EN 60529		IP65 (assembled)	IP65 (assembled)	IP67 (assembled)

Materials				
Type		MSSD-EB	MSSD-EB-M12	MSSD-EB-S-M14
Housing		Plastic	PA reinforced	PA
Housing colour		Black	Black	Black
Seals		NBR	HNBR	–

Operating and environmental conditions				
Type		MSSD-EB	MSSD-EB-M12	MSSD-EB-S-M14
Ambient temperature	[°C]	–45 ... +90	–40 ... +125	–25 ... +90
CE marking (see declaration of conformity)		To EU Low Voltage Directive ¹⁾	–	–
Degree of contamination		3	–	–

1) For information about the applicability of the component see the manufacturer's EC declaration of conformity at: www.festo.com → Support → User documentation.
If the component is subject to restrictions on usage in residential, office or commercial environments or small businesses, further measures to reduce the emitted interference may be necessary.

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Dimensions Download CAD data → www.festo.com

MSSD-EB

1 Insert can be repositioned by 90°

MSSD-EB-M12

1 Insert can be repositioned by 90°

MSSD-EB-S-M14

1 M14x1 union nut
3 Connection side can be repositioned by 90°

With these plug sockets, instead of the cable being connected using individual clamping screws, the stranded wires are pressed into the patented insulation displacement contact when the screw is tightened.

- Strip the cable sheath
- Push it in
- Screw it in tightly
- And you're done!

Ordering data				
Description	Cable connection	Weight	Part No.	Type
Plug socket for valves with EB and N2 solenoid coils	Screw terminal	11 g	151687	MSSD-EB
		11 g	539712	MSSD-EB-M12
	Insulation displacement connector	17 g	192745	MSSD-EB-S-M14