

Pre-assembled plug connectors, square plug, type C

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-M12-24VDC-SD-EX	MSSD-EB-S-M14
Electrical connection		Angled socket	Angled socket	Angled socket	Socket
		3-pin	3-pin	3-pin	4-pin
		Screw terminal	Screw terminal	Screw terminal	Insulation displacement connector
		Square design MSEB/MSN2	Square design	Square design	–
		Type C	Type C	Type C	Type C
		To EN 175301-803	To EN 175301-803	To EN 175301-803	–
	To DIN EN 61984	–	–	–	
Nominal operating voltage	[V AC]	250	–	0 ... 24	–
	[V DC]	300	–	0 ... 30	–
Surge resistance	[kV]	4	–	0.8	–
Acceptable current load	[A]	6	–	6 (at 40 °C)	3
Cable connector		Pg7	M12	M12	M14
Permissible cable diameter	[mm]	6 ... 8	4 ... 6	4 ... 6	4 ... 6
Connection cross section	[mm ²]	0.75	1.5	0.25 ... 0.5	0.25 ... 0.5
Connection frequency		–	50	–	10
Type of mounting		Central screw M2.5	Central screw M2.5	Central screw M2.5	Central screw M2.5
Max. tightening torque, plug	[Nm]	0.25	–	0.5	–
Mounting position		Any	Any	–	Any
Protection class to EN 60529		IP65 (assembled)	IP65 (assembled)	IP65 (assembled)	IP67 (assembled)

Materials					
Type		MSSD-EB	MSSD-EB-M12	MSSD-EB-M12-24VDC-SD-EX	MSSD-EB-S-M14
Housing		Plastic	PA reinforced	PA reinforced	PA
Housing colour		Black	–	–	Black
Seals		Nitrile rubber	HNBR	HNBR	–
Note on materials		–	–	RoHS-compliant	–

Operating and environmental conditions					
Type		MSSD-EB	MSSD-EB-M12	MSSD-EB-M12-24VDC-SD-EX	MSSD-EB-S-M14
Ambient temperature	[°C]	–45 ... +90	–40 ... +125	–25 ... +125	–25 ... +90
CE marking (see declaration of conformity)		To EU Low Voltage Directive ¹⁾	–	–	–
Degree of contamination		3	–	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.

Pre-assembled plug connectors, square plug, type C

Technical data

Dimensions Download CAD Data → www.festo.com/us/cad

MSSD-EB

1 Insert can be repositioned by 90°

MSSD-EB-M12

1 Insert can be repositioned by 90°

MSSD-EB-M12-24VDC-SD-EX

1 Insert can be repositioned by 90°

MSSD-EB-S-M14

1 Insert can be repositioned by 90°

patented insulation displacement contact when the screw is tightened.

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

With these plug sockets, instead of the cable being connected using individual clamping screws, the flying leads are pressed into the

Type	B1	B2	D1 Ø	D2 Ø	D3 Ø	H1	H2	H3	H4	L1	L2	L3	L4	⌀1
MSSD-EB	15.5	8	15	7.5	2.5	34	15.5	-	-	26	4	-	-	13
MSSD-EB-M12	16	8	14	M12	2.5	28	16	-	-	25.5	-	-	-	-
MSSD-EB-M12-24VDC-SD-EX	15.6	8	14.6	M12x1.5	2.5	34.5	16	-	-	26	-	-	-	T8
MSSD-EB-S-M14	16	8	16	13	2.5	45	16	8	21.2	26	4	1.5	17.6	13

Ordering data					
Description	Cable connection	Cable connector	Weight	Part No.	Type
Plug socket for valves with EB and N2-Ma solenoid coils	Screw terminal	Pg7	11 g	151687	MSSD-EB
		M12	11 g	539712	MSSD-EB-M12
		-	-	570367	MSSD-EB-M12-24VDC-SD-EX
	Insulation displacement connector	M14	17 g	192745	MSSD-EB-S-M14

Festo - Your Partner in Automation



1 Festo Inc.
5300 Explorer Drive
Mississauga, ON L4W 5G4
Canada

Festo Customer Interaction Center
Tel: 1 877 463 3786
Fax: 1 877 393 3786
Email: customer.service.ca@festo.com



2 Festo Pneumatic
Av. Ceylán 3,
Col. Tequesquináhuac
54020 Tlalnepantla,
Estado de México

Multinational Contact Center
01 800 337 8669
ventas.mexico@festo.com



3 Festo Corporation
1377 Motor Parkway
Suite 310
Islandia, NY 11749

Festo Customer Interaction Center
1 800 993 3786
1 800 963 3786
customer.service.us@festo.com



4 Regional Service Center
7777 Columbia Road
Mason, OH 45040

Connect with us



www.festo.com/socialmedia



www.festo.com

Subject to change