

Plug connectors for self-assembly, socket, type B

Technical data

Plug socket MSSD-F

- For valves with F solenoid coils
- Cable connection via screw terminal or insulation displacement technology



General technical data			
Type	MSSD-F	MSSD-F-M16	MSSD-F-S-M16
Electrical connection	Angled socket	Angled socket	Socket
	3-pin	3-pin	3-pin
	Screw terminal	Screw terminal	Insulation displacement connector
	Square design MSF	Square design	–
	–	Type B to industry standard 11 mm	Type B
Cable connector	Pg9	M16x1.5	–
Permissible cable diameter [mm]	6 ... 8	6 ... 8	5.5 ... 8
Connection cross section [mm ²]	Max. 1.5	Max. 0.75	0.5 ... 1
Connection frequency	–	50	10
Type of mounting	M3 central screw	M3 central screw	M3 central screw
Mounting position	Any	Any	Any
Protection class to EN 60529	IP65 (assembled)	IP65 (assembled)	IP67 (assembled)

Technical data – Electrical			
Type	MSSD-F	MSSD-F-M16	MSSD-F-S-M16
Operating voltage range	[V DC]	–	0 ... 250
	[V AC]	–	0 ... 250
Surge resistance [kV]	–	2	–
Acceptable current load at 40 °C [A]	–	6	–
Degree of contamination	–	3	–

Materials			
Type	MSSD-F	MSSD-F-M16	MSSD-F-S-M16
Housing	Plastic	PA reinforced	PA
Housing colour	Black	Black	Black
Seals	–	HNBR	–
Note on materials	–	RoHS-compliant	–

Operating and environmental conditions			
Type	MSSD-F	MSSD-F-M16	MSSD-F-S-M16
Ambient temperature [°C]	–25 ... +90	–20 ... +115	–25 ... +90
CE marking (see declaration of conformity) ¹⁾	To EU Low Voltage Directive	–	–

1) Additional information www.festo.com/sp → Certificates.

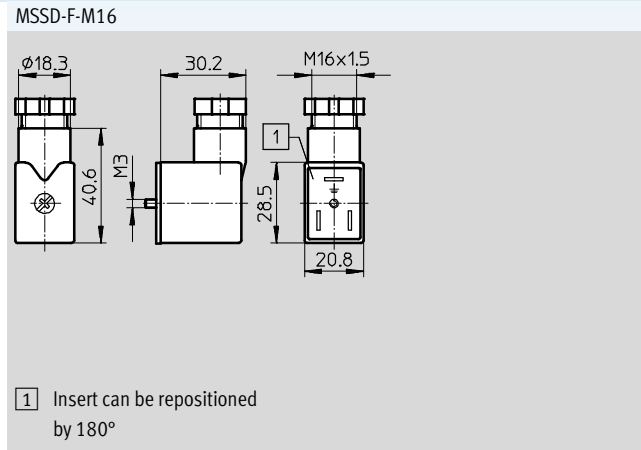
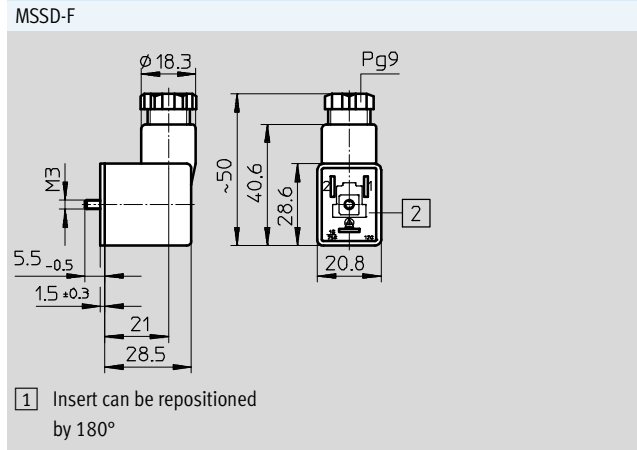
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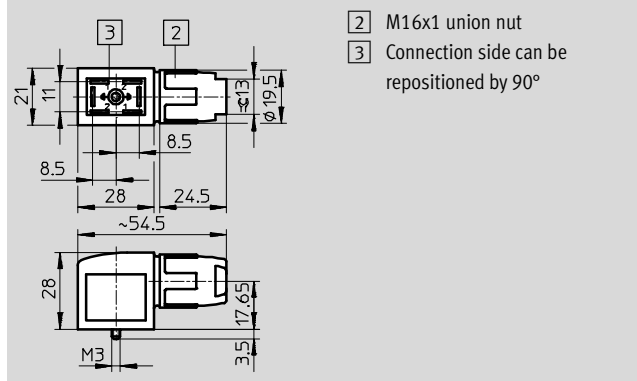
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Dimensions

Download CAD data → www.festo.com



MSSD-F-S-M16



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 F solenoid coils	Screw terminal	17 g	34431	MSSD-F
		35 g	539710	MSSD-F-M16
	Insulation displacement connector	35 g	192746	MSSD-F-S-M16