

# Plug connectors NECV for valves, for self-assembly

Technical data

**Plug socket MSSD-F**

- For valves with F solenoid coils
- Cable connection via clamping screws 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	Type B
Electrical connection	–	To EN 175301-803	–
Cable connector	Pg9	M16	–
Permissible cable diameter [mm]	6 ... 8	6 ... 8	5.5 ... 8
Connection cross section [mm <sup>2</sup> ]	Max. 1.5	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)

Materials			
Type	MSSD-F	MSSD-F-M16	MSSD-F-S-M16
Housing	Plastic	PA reinforced	PA
Housing colour	Black	–	Black
Seals	–	HNBR	–

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)	To EU Low Voltage Directive <sup>1)</sup>	–	–

1) For information about the applicability of the component see the manufacturer's EC declaration of conformity at: [www.festo.com](http://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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**FESTO**

Dimensions Download CAD Data → [www.festo.com/us/cad](http://www.festo.com/us/cad)

**MSSD-F**

1 Insert can be repositioned by 180°

**MSSD-F-M16**

1 Insert can be repositioned by 180°

**MSSD-F-S-M16**

2 M16x1 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 F solenoid coils	Screw terminal	17 g	<b>34431</b>	<b>MSSD-F</b>
		35 g	<b>539710</b>	<b>MSSD-F-M16</b>
	Insulation displacement connector	35 g	<b>192746</b>	<b>MSSD-F-S-M16</b>

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