

# 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 175 301-803	–
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), IEC/EN 61984	IP65 (assembled), IEC/EN 61984	IP67 (assembled), IEC/EN 61984

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](http://www.festo.com)

**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>