

Sockets, type A, 3-pin

Technical data

FESTO

Plug socket
MSSD-C

- For valves with D and N1 solenoid coils
- Cable connection with screw terminal



General technical data			
Type	MSSD-C	MSSD-C-M16	MSSD-C-TY-24DC
Electrical connection	Angled socket		
	3-pin		
	Screw terminal	Screw terminal	–
	Square design MSC/MSN1	Square design	Square design
	Type A	Type A	Type A
Electrical connection	To EN 175301-803	To EN 175301-803	To EN 175301-803
Switching position display	–	–	LED
Nominal operating voltage [V DC]	–	–	24
Cable connector	Pg9	M16	Pg11
Permissible cable diameter [mm]	6 ... 8	6 ... 8	8 ... 10
Connection cross section [mm ²]	Max. 1.5	Max. 1.5	Max. 1.5
Connection frequency	–	50	–
Type of mounting	Central screw M3	Central screw M3	Central screw M3
Mounting position	Any	Any	Any
Protection class to EN 60529	IP65 (assembled)	IP65 (assembled)	IP65 (assembled)
Product weight [g]	22	38	–

Materials			
Type	MSSD-C	MSSD-C-M16	MSSD-C-TY-24DC
Housing	Plastic	Reinforced PA	PA
Housing colour	Black	–	Transparent
Seals	–	HNBR	–
Note on materials	RoHS-compliant	–	–

Operating and environmental conditions			
Type	MSSD-C	MSSD-C-M16	MSSD-C-TY-24DC
Ambient temperature [°C]	–25 ... +90	–20 ... +115	–40 ... +90
CE marking (see declaration of conformity)	To EU Low Voltage Directive ¹⁾	–	–
Certification	Germanischer Lloyd	–	–

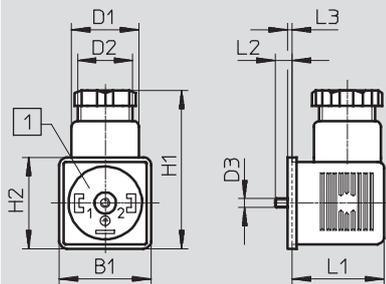
1) For information about the applicability of the component see the manufacturer's EC declaration of conformity at: www.festo.com → Support → User documentation.
If the component is subject to restrictions on usage in residential, office or commercial environments or small businesses, further measures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

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Technical data

Dimensions

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



1 Insert can be repositioned by 90°

Type	B1	D1 ∅	D2 ∅	D3 ∅	H1	H2	L1	L2	L3
MSSD-C	28	22	Pg9	M3	52	28	26.5	5.5	1.5
MSSD-C-M16	27	22	M16x 1.5	M3	52	27	27	5.5	1.5
MSSD-C-TY-24DC	30	22	Pg11	M3	52	30	30	5.5	1.5

Ordering data

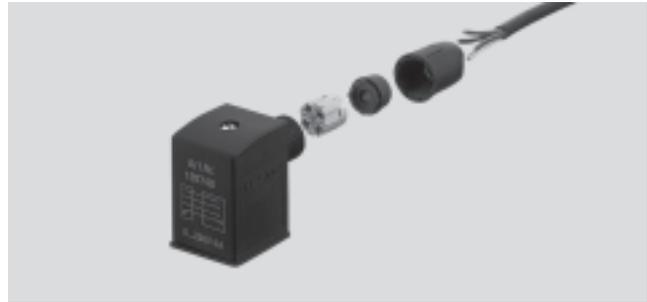
Description	Switching status display	Nominal operating voltage	Cable connector	Part No.	Type
Plug socket for valves with D and N1 solenoid coils, 3-pin	-	-	Pg9	34583	MSSD-C
	-	-	M16	539709	MSSD-C-M16
	LED	24 V DC	Pg11	177617	MSSD-C-TY-24DC

Sockets, type A, 4-pin

Technical data

**Plug socket
MSSD-C**

- For valves with D and N1 solenoid coils
- Cable connection via clamping screws or insulation displacement technology



Special features of insulation displacement technology (MSSD-C-S-M16)

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

leads 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!

General technical data		
Type	MSSD-C-4P	MSSD-C-S-M16
Electrical connection	Angled socket	
	4-pin	
	–	Insulation displacement connector
	Square design MSC/MSN1	Square design
	Type A	Type A
Electrical connection	To EN 175301-803	–
Cable connector	Pg9	–
Permissible cable diameter [mm]	6 ... 8	5.5 ... 8
Connection cross section [mm ²]	Max. 1.5	0.5 ... 1
Connection frequency	–	10
Type of mounting	Central screw M3	Central screw M3
Mounting position	Any	Any
Protection class to EN 60529	IP65 (assembled)	IP67 (assembled)

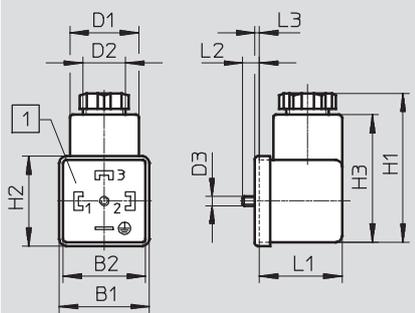
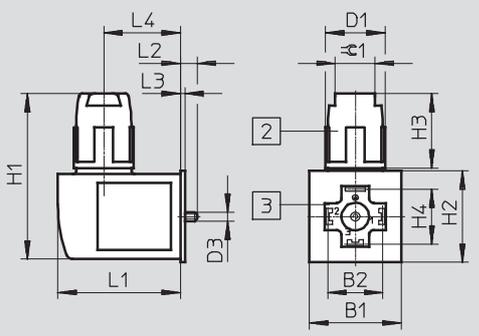
Materials		
Type	MSSD-C-4P	MSSD-C-S-M16
Housing	Plastic	PA
Housing colour	Black	Black
Note on materials	RoHS-compliant	–

Operating and environmental conditions		
Type	MSSD-C-4P	MSSD-C-S-M16
Ambient temperature [°C]	–20 ... +90	–25 ... +90

Sockets, type A, 4-pin

Technical data

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

Dimensions
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>MSSD-C-4P</p>  <p>1 Insert can be repositioned by 90°</p> </div> <div style="width: 48%;"> <p>MSSD-C-S-M16</p>  <p>2 Union nut M16x1</p> <p>3 Connection side can be repositioned by 90°</p> </div> </div>

Type	B1	B2	D1 Ø	D2 Ø	D3 Ø	H1	H2	H3	H4	L1	L2	L3	L4	⌀1
MSSD-C-4P	29.5	27	22.5	Pg9	M3	49	29.5	42	–	27	5.5	1.5	–	–
MSSD-C-S-M16	30	18	19.5	–	M3	54.5	30	24.5	18	40	5.5	1.5	25	13

Ordering data				
Description	Cable connection	Weight [g]	Part No.	Type
Plug socket for valves with D and N1 solenoid coils, 4-pin	–	22	171157	MSSD-C-4P
	Insulation displacement connector	38	192748	MSSD-C-S-M16

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Custom Control Cabinets
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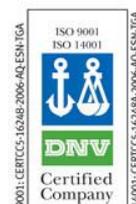
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