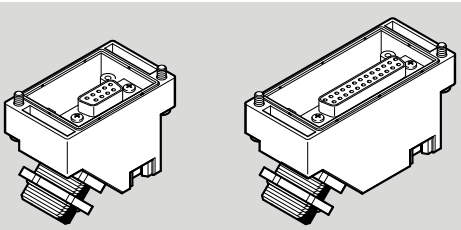
SD-SUB-D-BU9/-BU25
Plug socket



FESTO

Festo SE & Co. KG
Ruiter Straße 82
73734 Esslingen
Germany
+49 711 347-0

www.festo.com

Assembly instructions

8138547
2021-01a
[8138549]

Translation of the original instructions

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1 Applicable Documents

All available documents for the product ➔ www.festo.com/sp.

2 Safety

2.1 Safety instructions

– Do not connect or disconnect plug connector when powered.
– Only mount the product on components that are in a condition to be safely operated.

2.2 Intended Use

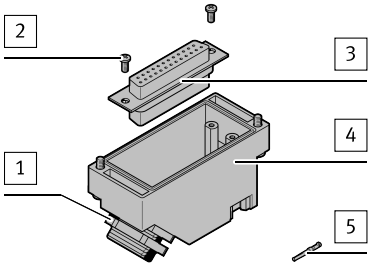
Socket SUB-D for multi-pin plug connection, can be freely assembled.

2.3 Training of qualified personnel

Work on the product may only be carried out by qualified personnel who can evaluate the work and detect dangers. The qualified personnel are trained in electrical engineering.

3 Product Range Overview

3.1 Scope of delivery



1 Cable fitting (1x)
2 Screw (2x)
3 Contact holder (1x)
4 Cover (1x)
5 Spring loaded contact (9x/25x)

Fig. 1

3.2 Not in scope of delivery



6 Cable

Fig. 2

4 Assembly

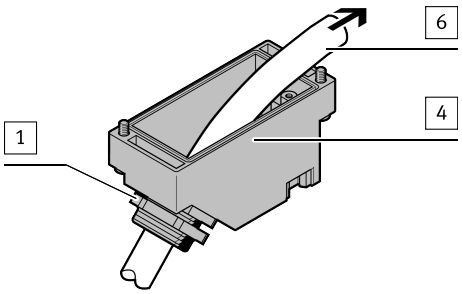


Fig. 3

1. Disconnect cable fitting 1.
2. Guide cable 6 through the cable fitting 1 and the cover 4.
3. Strip cable approx. 40 mm.
4. Strip insulation from wires approx. 3 mm.
5. Crimp spring loaded contacts 5 to wires.

The contact holder can be mounted in two different positions. The cable outlet direction of the mounted socket depends on the orientation of the contact holder.

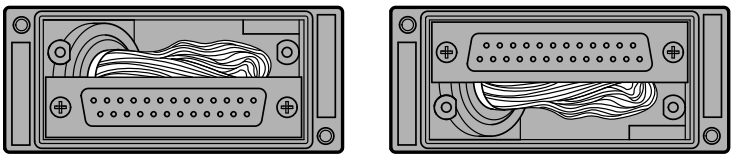


Fig. 4

6. Align the contact holder 3 in accordance with the desired cable outlet direction.

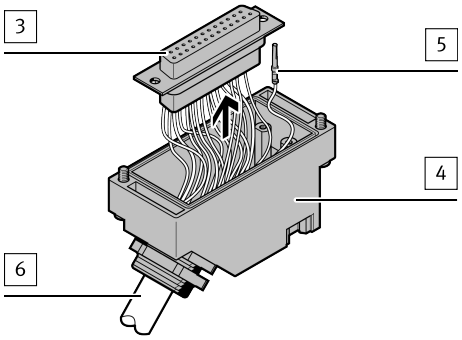


Fig. 5

7. Insert the wires with the spring loaded contacts 5 into the contact holder 3 and engage.
8. Pull the cable 6 back so that a piece of cable sheath remains within the cover 4.

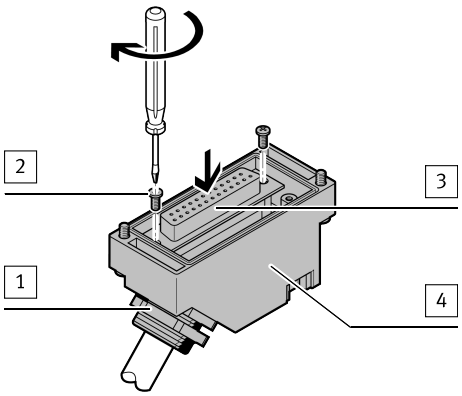


Fig. 6

9. Place the contact holder 3 in the cover 4. Avoid cable twist during insertion.
10. Tighten cable fitting 1.
11. Fasten the contact holder 3 so that it is floating using the two screws 2.

5 Technical data

SD-SUB-D-...			BU9	BU25
Cable diameter	D	[mm]	6 ... 9	7 ... 12
Cable fitting			Pg9	Pg11
Type of mounting			2 screws M3x16	
Mounting position			any	
Nominal operating voltage DC	U_B	[V]	24	
Current rating		[A]	5	
Material				
Housing			PA	

Tab. 1 Technical data