

## Connecting cables NEBU: rotatable NEBU socket

FESTO



**Freely selectable!**

**Making you more flexible: the rotatable NEBU socket.** Tight fitting spaces are no longer a problem! For the infinitely rotatable NEBU socket is highly flexible when electrically connecting sensors or actuators. Designed for particularly difficult installation conditions, it extends the many possible combinations of plug sockets, cable lengths, cable qualities and plugs in the NEBU modular cable system even further.

### **Convenient and selectable**

Simply turn and select: the NEBU socket's rotatability allows the cable outlet direction to be freely selected on connection.

### **Simple**

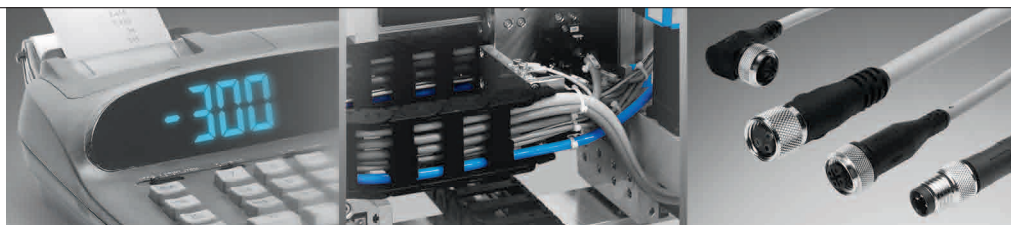
Ideal for inductive sensors for instance as they can also be adjusted after electrical connection.

### **Flexible**

The simple and functional electrical connection provides you with maximum flexibility – especially in tight installation conditions.

### **Excellent variety.**

The NEBU modular system can be freely configured or is available ex stock as standard – for an optimum range of combinations. Suitable for all devices with M8 and M12 plugs such as proximity sensors, position transmitters, sensors or individual valves.



Save costs

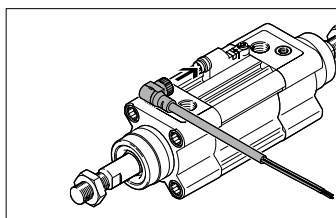
Flexible and convenient

Extensive range

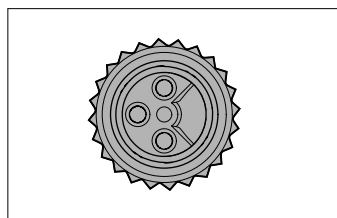
322.2 PSI →  
Product Short Information

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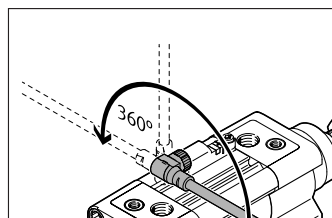
## Mounting steps



1. Place the socket onto the plug



2. Observe the orientation of the pins



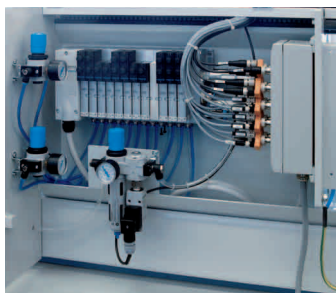
3. Tighten nut, observe permissible torque

## Excellent: with NEBU, the possible combinations are unlimited!

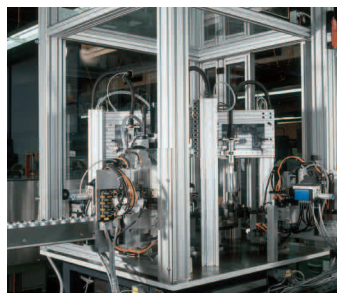
Freely select and assemble your own individual connecting cable thanks to the modular design of the overall concept of the connecting cables. This allows you to combine the left-hand end of the cable (e.g. socket type, or open), the centre piece (length and type of cable) and the right-hand end (plug type, or open) as required.



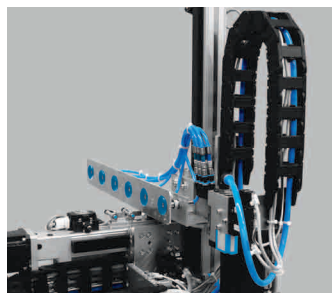
## Cable types



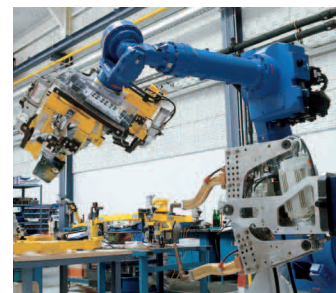
**Basic**  
price-optimised for static applications, UL-certified



**Standard**  
oil-resistant, good flex properties, suitable for use with energy chains



**Suitable for use with energy chains**  
very good oil resistance, very suitable for use with energy chains, halogen-free, UL-certified



**Suitable for robot applications**  
very good flex and torsion properties, halogen-free, UL-certified

## Technical data

NEBU-M8-R3-...		
Operating voltage AC/DC	$U_B$ [V]	0 ... 60
Acceptable current load at 40°C	[A]	0,5
Electric flow resistance per contact	[mΩ]	≤200
Rotatability in increments of 15°	[°]	N x 360
Service life (union nut not tightened)		100 x 360° rotation
Tightening torque	$M_A$ [Nm]	0,2 ... 0,3

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