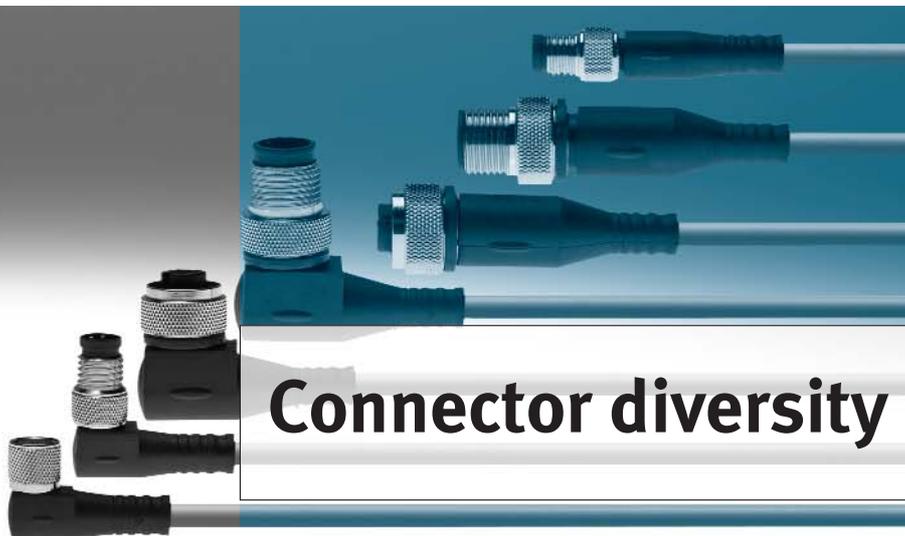


# Modular connecting cable system NEBU

FESTO



## Connector diversity

### The fast way to the ideal sensor cable:

This modular cable system offers unlimited combinations of connector sockets, cable lengths, cable qualities and connector plugs. It is designed for all devices with M8 and M12 plugs, such as cylinder sensors, position transmitters, pressure sensors, pressure transmitters, flow sensors, optical and inductive sensors. There is a free choice of cable lengths between 0.1 - 25 m.

### The advantages

- Freely-configurable cable lengths mean considerable cost savings.
- Cables are available in application-specific qualities, from “Standard” to “Chain-link trunking” and “Robot”, giving significantly longer service life.
- Maximum flexibility, thanks to freely configurable plugs and sockets and the fact that standard cables are available fast from stock.

This, together with the straightforward ordering system and attractive delivery times, means that the NEBU cable system can provide the right answer to any requirement.



Economical: Lower costs

Reliable: The right cable every time

Flexible: The widest choice

322.1.PSI →

Product Short Information

# Modular connecting cable system NEBU

## Overview of cables available via the modular connecting cable system

Sensor function	
NEBU	Connecting cable
Connection system, left-hand end	
M8	M8
M12	M12, A-encoded
Type of socket	
G	Straight
W	Angled
R	Swivelling
Number of pins/cores	
3	3 pins/cores
4	4 pins/cores
5	5 pins/cores
Display	
	No display
P	LED PNP
N	LED NPN
Cable quality	
K	Standard
E	Suitable for chain-link trunking
R	Suitable for robots
Cable length [m]	
	0.1 m ... 25 m
0,5	0.5 m
1,0	1.0 m
2,5	2.5 m
5	5 m
10	10 m
Inscription label	
	With label holder
Connection system, right-hand end	
LE	Open end
M8	M8
M12	M12, A-encoded
Type of plug	
	No plug
G	Straight
W	Angled
Number of pins/cores	
3	3 pins/cores
4	4 pins/cores
5	5 pins/cores

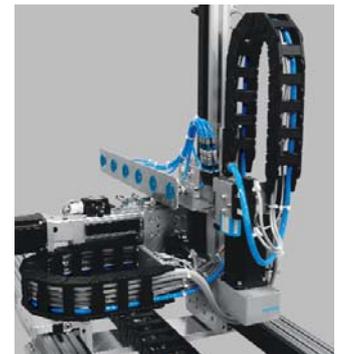
Festo's overall connecting-cable concept takes the form of a modular system. This provides a free choice of the left-hand end of the cable (e.g. type of socket), the central part (length and type of the cable itself) and the right-hand end (type of plug, or open-ended without plug) and facilitates individual cable configuration.

### Cable qualities

- Standard cable: Good oil resistance, good resistance to alternate bending, suitable for use in chain-link trunking, UL-certified
- Chain-link-trunking cable: Very good oil resistance, very good resistance to alternate bending, specially designed for use in chain-link trunking, halogen-free, UL-certified
- Robot cable: Very good oil resistance, very good bending/torsional properties, suitable for use both in robotic and chain-link trunking applications, halogen-free, UL-certified



Standard



Use in chain-link trunking



Use on robot arms

### Festo AG & Co. KG

Ruiter Strasse 82  
73734 Esslingen  
Internet [www.festo.com](http://www.festo.com)  
Tel. ++49 (0)711 347-0  
Fax ++49 (0)711 347-2144  
E-mail [service\\_international@festo.com](mailto:service_international@festo.com)