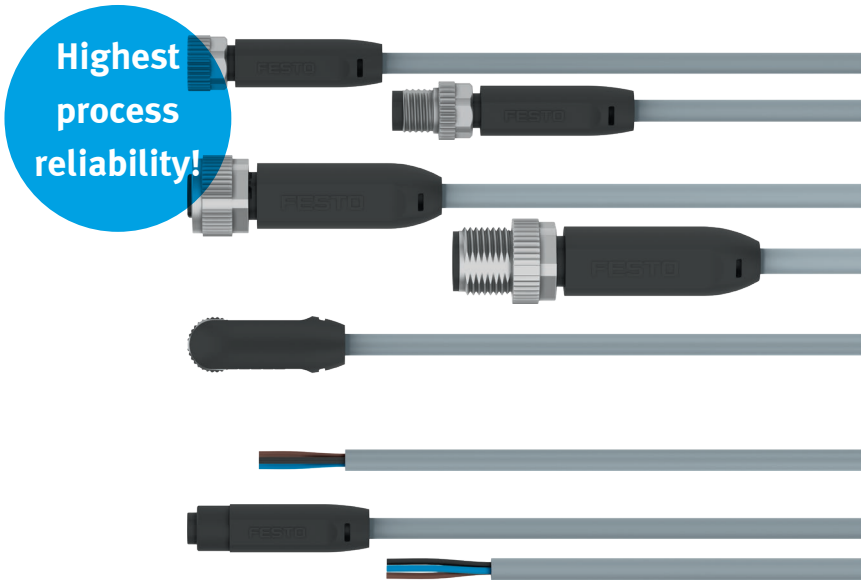
Connecting cables NEBA



Wide range of applications!

Highlights

- For all applications
- UL certification
- Tested according to IEC 61010-1 and IEC 61010-2-202 for valves from Festo
- IP65, IP68, IP69k
- Extremely reliable to fit thanks to longitudinal knurl and hexagon
- Lead-free: RoHS-2 compliant
- Resistant to abrasion
- Low adhesion
- Cable sheath resistant to oil, coolants, lubricants, hydrolysis, microbes, ultra-violet light and ozone
- Free of phosphoric acid ester, halogens, CFC, cadmium, PIWS

The new connecting cables NEBA M8x1 and M12x1, A-coded (EN 61076-2-104/101) are ideal for connecting field devices to controllers or IO terminals. Designed for a wide range of uses in harsh environments, NEBA can cover almost all applications, such as static ones, energy chains with small radii and robotics. And NEBA is excellent value for money.

Tough tests ...
... under the most demanding conditions:
- 50,000 bending cycles (5 mm radius)
- 300,000 torsion cycles (±270°/0.1 m)
- 5,000,000 energy chain cycles (28 mm radius)

On top of that, we check their function under vibration and shock to ensure they meet the highest standards. And the connecting cables are already lead-free according to RoHS-2!

Individually configurable – and secure
In addition to the many different fixed combinations, you can configure NEBA entirely according to your requirements – and also use it with solenoid valves from Festo without any problems. NEBA meets all safety requirements according to IEC 61010-1 and IEC 61010-2-202. And NEBA is UL Listed.

Easy and stable mounting
Although NEBA is easy to mount by hand, it can be secured even more reliably with ordinary, standard tools thanks to screw-type locks with longitudinal knurl and hexagon.
With the new M8 snap-in locking NEBA is also very quick to install. This meets the same standards regarding vibration and shock testing. Screwing in was yesterday – now a click is enough!

Connecting cables NEBA

Connecting cables NEBA with open cable ends



Type	Version	Connection technology		Display	1 m	2.5 m	5 m	10 m	20 m
NEBA-M8G3-U-...-N-LE3	3-pin	M8 socket	Straight	–	■	■	■	■	■
NEBA-M8W3-U-...-N-LE3	3-pin	M8 socket	Angled	–	–	■	■	■	–
NEBA-M8W3P(N)-U-...-N-LE3	3-pin	M8 socket	Angled	LED	–	■	■	–	–
NEBA-M8CG3-U-...-N-LE3	3-pin	M8 socket with snap-in locking	Straight	–	–	■	■	–	–
NEBA-M8CW3-U-...-N-LE3	3-pin	M8 socket with snap-in locking	Angled	–	–	■	■	–	–
NEBA-M8G4-U-...-N-LE4	4-pin	M8 socket	Straight	–	–	■	■	■	–
NEBA-M8W4-U-...-N-LE4	4-pin	M8 socket	Angled	–	–	■	■	■	–
NEBA-M12W5P(N)-U-...-N-LE3	3-pin	M12 socket	Angled	LED	–	■	■	–	–
NEBA-M12G5-U-...-N-LE3(4/5)	3/4/5-pin	M12 socket	Straight	–	–	■	■	■	–
NEBA-M12W5-U-...-N-LE3(4/5)	3/4/5-pin	M12 socket	Angled	–	–	■	■	■	–

Connecting cables NEBA with plug/socket combinations



Type	Version	Connection technology		0.5 m	1 m	1.5 m	2 m	2.5 m	5 m	10 m
NEBA-M8G3-U-...-N-M8G3	3-pin	M8 socket/M8 plug	Straight/straight	■	■	■	■	■	■	■
NEBA-M8W3-U-...-N-M8G3	3-pin	M8 socket/M8 plug	Angled/straight	■	■	–	–	■	■	–
NEBA-M8G3-U-...-N-M12G3	3-pin	M8 socket/M12 plug	Straight/straight	■	■	–	–	■	■	–
NEBA-M8G4-U-...-N-M8G4	4-pin	M8 socket/M8 plug	Straight/straight	■	■	–	–	■	■	–
NEBA-M8G4-U-...-N-M12G4	4-pin	M8 socket/M12 plug	Straight/straight	■	■	–	–	■	■	–
NEBA-M12G5-U-...-N-M12G5	5-pin	M12 socket/M12 plug	Straight/straight	■	■	–	–	■	■	–

Other combinations of M8/M12 plugs and sockets as well as cables with open ends and cable lengths between 0.3 ... 30 m are also available via the configurator.
For special configurations there is a minimum order quantity of 10 pieces.

No screwing necessary – M8x1 with snap-in locking!



Similar products
- Customisable plug connectors NECB with screw terminals
- Customisable plug connectors NECU with insulation displacement connectors
- Distributors NEDY

142605 en 2025/03 – Errors and omissions excepted