Customisable plug connectors NECB



Highlights

- One plug connector for many cable diameters and wire cross sections reduces the amount of product numbers
- Screw terminals with a large range of nominal cross sections up to 0.75 mm
- Tested in accordance with IEC 61010-1 and IEC 61010-2-202 for Festo valves
- UL certified
- Degree of protection: IP65 and IP67
- Better seals (FPM)
- Extended temperature range: –25 ... +90 °C

The new customisable M8x1 and M12x1 A-coded plug connectors (EN 61076-2-104/101) are ideal when you need to connect field devices to controllers or IO terminals and/or the power supply.

Can be used universally
NECB is designed for numerous applications and is easy to use with cable diameters and wire cross sections from 0.14 to 0.75 mm² (0.10 mm² with wire-end ferrules).

Reliable and safe
NECB has not only been tested for IP67 but also with water jets up to IP65! It can also be safely connected to solenoid valves. The plug connectors conform to all IEC 61010-1 and IEC 61010-2-202 safety requirements.

Double the power
The M12 and M8 plug connectors form a duo that can be used to connect up to two devices to a dual input/output. When you need to meet UL requirements and want to use suitable plug connectors to connect to UL-certified devices such as valves and sensors, you can rely on NECB as it meets all UL requirements.

Easy to mount
The NECB is easy to install by hand, while the screw-type lock with longitudinal knurl and hex head ensures that it can be reliably fastened using standard tools.

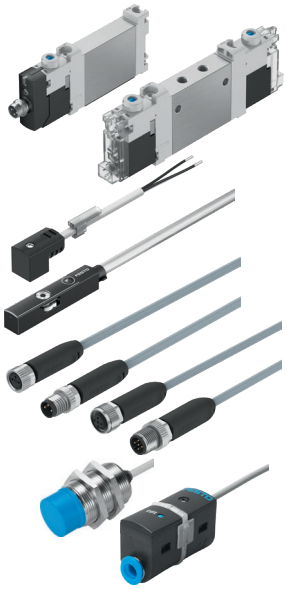
Functional, low price and fast delivery
NECBs are impressive because of their outstanding quality and performance at a low price, and they are available at short notice.

Additional information:

Product page
> www.festo.com/catalogue/necb

Target applications

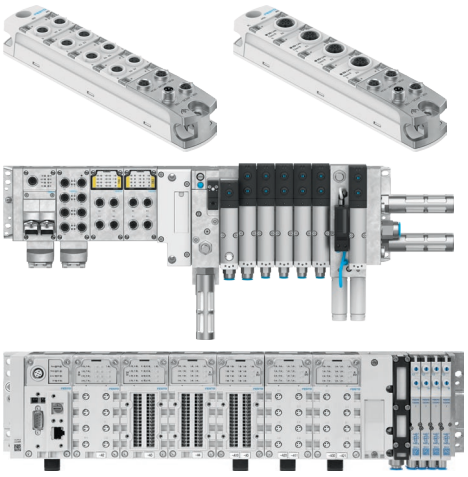
Sensor/valve/connecting cable[1)]



Plugs and sockets NECB[2)]



PLC/valve terminal/IO terminal[3)]



1) With open end
2) M8x1 or M12x1, A-coded. Alternatives: plug connector NECU with insulation displacement contact
3) M8x1 or M12x1 connections, A-coded

Ordering data

	Electrical connection	DUO connection	Cable diameter [mm]	Part no.	Type
	M12x1 socket, straight, 5-pin	–	3.8 ... 9.0	8162291	NECB-M12G5-C2
	M12x1 socket, angled, 5-pin	–	3.8 ... 9.0	8162293	NECB-M12W5-C2
	Stecker M12x1, gerade, 5-polig	–	2.1 ... 7.0	8162296	NECB-S-M12G5-C2
	M12x1 plug, straight, 5-pin	■	2 x 2.1 ... 5.6	8162297	NECB-S-M12G5-C2-D
	M8x1 plug, straight, 3-pin	–	2.1 ... 5.0	8162298	NECB-S-M8G3-C2
	M8x1 plug, straight, 4-pin	–	2.1 ... 5.0	8162299	NECB-S-M8G4-C2
	M8x1 plug, straight, 4-pin	■	2 x 2.0 ... 4.3 5.0...8.0[1)]	8162300	NECB-S-M8G4-C2-D

1) Seals for DUO and single cables are included in the scope of delivery