



Connection technology

# ecolink M12 – the secure connection even in difficult applications



Sockets



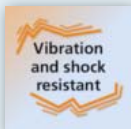
**Halogen-free and silicone-free**

**Contoured nut with enhanced grip makes for optimum sealing even when hand tightened**

**The mechanical end stop protects the O-ring against destruction**

**Permanent vibration protection with saw tooth contour**

**LEDs clearly visible even under bright lighting**



## ecolink M12 for hygienic and wet areas in the food industry

Most applications require special solutions. Only high-quality materials, safe production processes and faultless mounting lead to success in the long run.

The integrated end stop protects the O-ring against destruction caused by tightening the nut too much. Mounting and removal are carried out without tools.

The asymmetrically acting vibration protection holds the nut tight in its position, guaranteeing an optimum and permanent seal.

High-quality materials especially adapted to the application and intensive monitoring during and after production guarantee maximum quality standards.



### Technical data:

Operating voltage:

4-pole: 250 V AC / 300 V DC

5-pole: 60 V AC / DC

with LED: 10...36 V DC

Nominal current: 4 A

Protection: IP 67, IP 68, IP 69K

In locked condition with the matching counterpart.

Tightening torque nut: 0.6...1.5 Nm

Note the maximum value of the counterpart.

Ambient temperature: -25...100 °C

Vibration / shock: 750 g, 1 million cycles

### Materials:

Housing / moulded body: PP

Contact carrier: PA 6.6

Coupling nut: high-grade stainless steel  
(316L / (1.4404))

Contacts: gold-plated

Sealing ring: EPDM

Cable: MPPE halogen-free, silicone-free,

4-pole: 4 x 0.34 mm<sup>2</sup>, Ø 4.9 mm

5-pole: 5 x 0.34 mm<sup>2</sup>, Ø 5.1 mm



### Approvals:

cCSAus in preparation

### Applications:

Hygienic and wet areas in the food industry

### The products

Type	Description	Order no.	Order no.
<b>M12 sockets</b>		<b>4-pole</b>	<b>5-pole</b>
	5.0 m	<b>EVF001</b>	<b>EVF010</b>
	10.0 m	<b>EVF002</b>	<b>EVF011</b>
	25.0 m	<b>EVF003</b>	<b>EVF012</b>
	5.0 m	<b>EVF004</b>	<b>EVF013</b>
	10.0 m	<b>EVF005</b>	<b>EVF014</b>
	25.0 m	<b>EVF006</b>	<b>EVF015</b>
	5.0 m, LED	<b>EVF007</b>	–
	10.0 m, LED	<b>EVF008</b>	–
	25.0 m, LED	<b>EVF009</b>	–

### Dimensions

