



# M12 ecolink – the safe connection even in difficult applications.



For applications in particularly harsh environments.

- ▲ Connection technology meets the M12 standard (EN 61076).
- ▲ Optimum sealing even when mounted without tool.
- ▲ The mechanical end stop protects the O-ring against destruction.
- ▲ Nut secured against shock/vibration due to saw tooth contoured vibration protection.
- ▲ LEDs clearly visible even in cases of high light exposure.



## ecolink M12 for demanding applications.

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.



ecolink – a new dimension in connection technology.

fluid sensors and diagnostic systems

position sensors and object recognition

bus, identification and control systems

**Applications:**  
Factory automation, machine tool industry, construction of machinery, hydraulics

**Technical data**

Operating voltage:  
without LED 250 V AC / 300 V DC  
with LED 10...36 V DC  
Nominal current: 4 A (cRUus 3 A)  
Protection rating: IP 67, IP 68, IP 69K  
in locked condition with  
the matching counterpart.  
Tightening torque of the nut: 0.6...1.5 Nm  
Operating temperature: -40...90 °C  
Vibration / shock: 750 g, 1 million cycles  
Cable characteristics: drag chain > 5 million cycles

**Materials:**

Housing / moulded body: TPU  
Contact carrier: TPU  
Coupling nut: high-grade stainless steel (316S12)  
Contacts: gold-plated  
Sealing ring: Viton  
Cable: PUR, halogen-free, 4 x 0.34 mm<sup>2</sup>, Ø 4.9 mm

**Approvals:**

cRUus



Type	Description	Order no. Not applicable	Order no. NEW
<b>Socket M12, 4-pole</b>			
	2 m	E10906	<b>EVM001</b>
	5 m	E10907	<b>EVM002</b>
	10 m	E10908	<b>EVM003</b>
	2 m	E10900	<b>EVM004</b>
	5 m	E10901	<b>EVM005</b>
	10 m	E10902	<b>EVM006</b>
	2 m, LED	E10903	<b>EVM007</b>
	5 m, LED	E10904	<b>EVM008</b>
	10 m, LED	E10905	<b>EVM009</b>

**Dimensions**

