



Connection technology

# ecolink M12 Ethernet D-Code for hygienic and wet areas



Use in wet areas and in the  
food and beverage industry



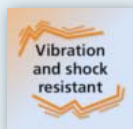
**Halogen-free and silicone-free**

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

**Permanent vibration protection with saw tooth contour**

**Protection rating:  
IP 65, IP 67, IP 68, IP 69K**

**Ethernet CAT 5 / CAT 5e  
(star quad)**



## **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 asymmetrically acting vibration protection holds the threaded sleeve 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: 50 V AC / 60 V DC  
 Ethernet: M12 D-Code, CAT 5 / CAT 5e  
 Nominal current: 4 A  
 Protection: IP 65, IP 67, IP 68, IP 69K  
 In locked condition with the matching counterpart.  
 Tightening torque threaded sleeve: 0.6...1.2 Nm  
 Note the maximum value of the counterpart.  
 Ambient temperature: -25...80 °C  
 Drag chain: > 1 million cycles

### Materials:

Housing / moulded body: PP  
 Contact carrier: PP  
 Coupling nut: high-grade stainless steel  
 (316L / 1.4404)  
 Contacts: gold-plated  
 Cable: MPPE halogen-free, silicone-free,  
 4 x 0.34 mm<sup>2</sup> (7 x 0.25 mm), Ø 6.5 mm



### Approvals:

UL approval in preparation

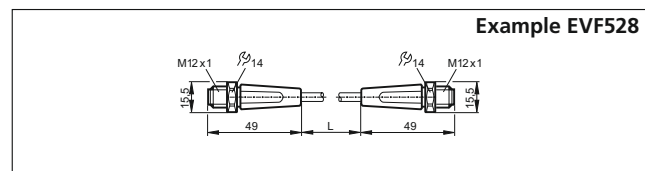
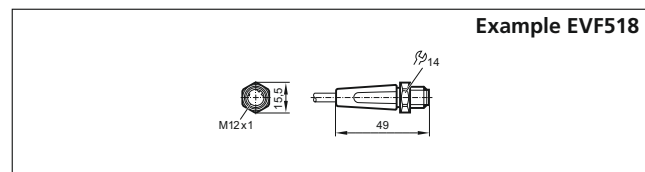
### Applications:

Hygienic and wet areas in the food industry

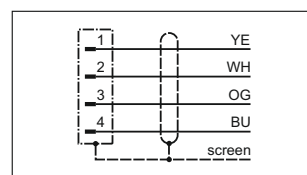
### The products

Type	Description	Order no.
<b>M12 sockets - 4-pole</b>		
	2.0 m	<b>EVF518</b>
	5.0 m	<b>EVF519</b>
	10.0 m	<b>EVF520</b>
	20.0 m	<b>EVF521</b>
	50.0 m	<b>EVF522</b>
<b>Jumper - M12 / M12 - 4-pole</b>		
	0.25 m	<b>EVF528</b>
	0.5 m	<b>EVF529</b>
	1.0 m	<b>EVF530</b>
	2.0 m	<b>EVF531</b>
	5.0 m	<b>EVF532</b>
	10.0 m	<b>EVF533</b>
	20.0 m	<b>EVF534</b>

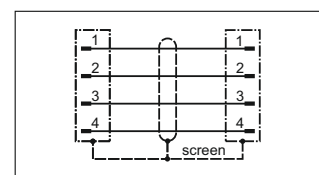
### Dimensions



### Wiring diagram



Example EVF518



Example EVF528