



Protected from radiation and moisture

Screened ecolink M12 cables for wet areas

- Resistant to cleaning agents used in the food and beverage industry
- Protected against electromagnetic interference
- Accurate and tight mounting by hand
- Permanently secured against loosening caused by vibration

ifm – close to you!



IP69K

Description	Straight socket		Straight socket		Straight socket		Connector/socket		Connector/socket	
	4 pins		5 pins		5 pins		4 pins		5 pins	
	Screened		Screened		Screen connected to the housing		Screen connected to the housing on both sides		Screen connected to the housing on both sides	
	Straight	Angled	Straight	Angled	Straight	Angled	Straight/straight	Angled/angled	Straight/straight	Angled/angled
2 m	EVF381	EVF385	EVF389	EVF393	EVF405	EVF409	EVF700	EVF714	EVF705	EVF719
5 m	EVF382	EVF386	EVF390	EVF394	EVF406	EVF410	EVF701	EVF715	EVF706	EVF720
10 m	EVF383	EVF387	EVF391	EVF395	EVF407	EVF411	EVF702	EVF716	EVF707	EVF721
15 m	EVF416	EVF711	EVF710	EVF712	EVF699	EVF713	EVF703	EVF717	EVF708	EVF722
25 m	EVF384	EVF388	EVF392	EVF396	EVF408	EVF412	EVF704	EVF718	EVF709	EVF723

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Protecting sensitive signals

In food and beverage production facilities, screened connection cables are indispensable for the transmission of analogue sensor signals, as these are sensitive to electromagnetic interference. Sources of interference such as machines and frequency converters can cause signal noise or distortion, which can falsify measured data. Screening protects the signals from such influences, ensuring precise data transmission. This is essential to ensure controller accuracy, production quality and operational safety.

What makes ecolink special

ecolink is a connector solution developed by ifm that stands out for its excellent reliability and durability. Thanks to its sophisticated design, the seal remains reliable over time, even with toolless mounting. A mechanical end stop protects against over-tightening and, together with the integral O-ring, provides for optimum sealing. What is more, a vibration protection with saw-tooth contour ensures that the nut remains securely fixed even under shock and vibration loads. ecolink stands for quality and safety in demanding industrial applications and is compatible with industrial M8 and M12 connections.

Technical data		
Operating voltage	[V AC / V DC]	< 50 / < 60
Total current rating	[A]	4
Core cross-section	[mm ²]	0.34
Ambient temperature	[°C]	-25...100
Moulded body material		PP
Coupling nut		stainless steel 1.4404
Cable		MPPE
Protection rating		IP67, IP68, IP69K

BEST FRIENDS



Vibration transmitter
Permanent monitoring of the overall vibration level



VSA acceleration sensor
Robust vibration sensor with high protection rating



IO-Link converter
Analogue converter especially for the food industry



For further technical details, please visit:
ifm.com/fs/EVF381