



Protected signal transmission

Screened ecolink M12 cables for machine tools

- Resistant to oils and coolants
- Protected against electromagnetic interference
- Accurate and tight mounting by hand
- Permanently secured against loosening caused by vibration



IP69K

ifm – close to you!

Description	Connector		Connector		Connector		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	EVCB34	EVCB60	EVCB39	EVCB65	EVCB44	EVCB70	EVCB49	EVCB75	EVCB55	EVCB82
5 m	EVCB35	EVCB61	EVCB40	EVCB66	EVCB45	EVCB71	EVCB50	EVCB76	EVCB56	EVCB83
10 m	EVCB36	EVCB62	EVCB41	EVCB67	EVCB46	EVCB72	EVCB51	EVCB77	EVCB57	EVCB84
15 m	EVCB37	EVCB63	EVCB42	EVCB68	EVCB47	EVCB73	EVCB52	EVCB78	EVCB58	EVCB85
25 m	EVCB38	EVCB64	EVCB43	EVCB69	EVCB48	EVCB74	EVCB53	EVCB79	EVCB59	EVCB86

More versions available at ifm.com.

Protecting sensitive signals

In industrial 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...90
Moulded body material		TPU
Coupling nut		nickel-plated brass
Cable		PUR
Protection rating		IP67, IP68, IP69K

BEST FRIENDS



VSA acceleration sensor
Robust vibration sensor with high protection rating



Vibration monitor
Intuitive switch point setting via setting rings



IO-Link converter
Conversion between analogue and IO-Link signals



For further technical details, please visit:
ifm.com/fs/EVCB34