

No more screws. Just plug it in.

Passive splitter with ecolink Fast Connect technology

- Secure connection via simple plug-in
- Tool-free, ultra-fast and error-free installation
- High protection against shock and vibration
- IP69 – ideal for wet areas and the food industry



IP69

FAST CONNECT

ifm – close to you!

Connection cable	8x 1-signal ports	8x 1-signal ports + LEDs	8x 2-signal ports	8x 2-signal ports + LEDs
5 m	**EBF018**	**EBF022**	**EBF026**	**EBF030**
10 m	**EBF019**	**EBF023**	**EBF027**	**EBF031**
15 m	**EBF020**	**EBF024**	**EBF028**	**EBF032**
20 m	–	–	**EBF029**	**EBF033**
25 m	**EBF021**	**EBF025**	–	–
Connection cable	**6x 1-signal ports**	**6x 1-signal ports + LEDs**	**6x 2-signal ports**	**6x 2-signal ports + LEDs**
5 m	**EBF034**	**EBF036**	**EBF038**	**EBF040**
10 m	**EBF035**	**EBF037**	**EBF039**	**EBF041**

Robust signal bundling at the machine

Passive splitter boxes with M12 connectors are used for decentralised connecting of multiple sensors and actuators to a central controller in industrial automation technology. They have no evaluation electronics of their own and simply pass on the incoming signals and the applied voltage. Thanks to their compact design and standardised M12 connectors, they enable fast, error-free installation directly on the machine or system.

Standard cables connected in no time: ecolink Fast Connect

ecolink Fast Connect technology makes installing standard-compliant M12 connectors particularly quick and easy: instead of screwing on the connector with the coupling nut, simply press the connector onto the module. This creates immediately a secure, tight and vibration-resistant connection, with no need for additional installation work. This saves valuable time and increases process reliability. The connection is released simply by turning the coupling nut.

Suitable for use in wet areas

Typical areas of application in the food and beverage industry include production and filling lines, conveyor systems, as well as processing and packaging machinery. Thanks to their IP69 protection rating, the devices are resistant to high-pressure cleaning and cleaning with hot water. The materials used are resistant to harsh cleaning agents and disinfectants.

Technical data		
Operating voltage with LED without LED		 < 30 V DC < 50 V AC / < 60 V DC
Current rating per port	[A]	4
Material Housing Socket Seal Cable		 polyamide stainless steel EPDM MPPE
Ambient temperature	[°C]	-25...80
Protection rating		IP65, IP67, IP68, IP69

BEST FRIENDS



EVF connection cable
For wet areas and hygienic applications



Stainless steel cap
Cover for unused ports



Y splitter
For two sensors on one M12 connection

For further technical details, please visit: ifm.com/fs/EBF018

We reserve the right to make technical alterations without prior notice. · 11.2026
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