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	–	–

Operating principle

Passive splitter boxes with M12 connectors are robust, decentralised interfaces for connecting multiple sensors and actuators to a central controller in industrial automation technology. They do not have their own electronics; they transmit signals and power purely mechanically and electrically. Thanks to their compact design and standardised M12 connectors, they enable fast, error-free installation directly on the machine or system.

New: ecolink Fast Connect technology

The new ecolink Fast Connect technology makes installation particularly quick and easy: Instead of screwing on the coupling nut, which is time-consuming, simply press the plug 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. It is, of course, compatible with all M12 connectors that comply with the IEC 61076-2-101 standard. The connection is released simply by turning the coupling nut.

Applications

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 with hot water, as well as aggressive cleaning agents and disinfectants. The housing is made of a food-grade material, allowing it to be used directly in hygiene-sensitive areas.

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		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