

Quick to plug in, secure as a screw connection

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
- Robust design with fully potted housing



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	**EBC194**	**EBC198**	**EBC202**	**EBC206**
10 m	**EBC195**	**EBC199**	**EBC203**	**EBC207**
15 m	**EBC196**	**EBC200**	**EBC204**	**EBC208**
25 m	**EBC197**	**EBC201**	**EBC205**	**EBC209**
Connection cable	**6x 1-signal ports**	**6x 1-signal ports + LEDs**	**6x 2-signal ports**	**6x 2-signal ports + LEDs**
5 m	**EBC186**	**EBC188**	**EBC190**	**EBC192**
10 m	**EBC187**	**EBC189**	**EBC191**	**EBC193**

Robust signal bundling at the machine

Passive splitter boxes with M12 connections are used in industrial automation for the decentralised connection of multiple sensors and actuators to a central controller. 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 coupling nut, 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 improves process reliability. The connection is released simply by turning the coupling nut.

Suitable for use on machine tools

Typical applications include machining centres, lathes and milling machines, as well as tool changers and clamping devices. The materials used are resistant to coolants, oils and swarf in the working area. Thanks to their IP69 protection rating, the modules withstand high-pressure cleaning and continuous exposure to media at the machine.

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 nickel-plated brass FKM PUR
Ambient temperature stationary in motion	[°C]	 -40...80 -25...80
Protection rating		IP65, IP67, IP68, IP69

BEST FRIENDS



EVC connection cable
For use in industrial environments



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/EBC194

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