

Eight makes it easy

8-pole M12 connection technology

- 8 signal paths per cable for reduced cabling
- Food and coolant variants for wet areas and machine tools
- Proven ecolink technology for easy installation with high resistance to shock and vibration



IP69

ifm – close to you!

Description	Coolant				Food			
	straight		angled		straight		angled	
Screen	no	yes, connected to the nut	no	yes, connected to the nut	no	yes, connected to the nut	no	yes, connected to the nut
Connection cable								
1.5 m	**EVCC17**	**EVCC29**	**EVCC23**	**EVCC35**	**EVF730**	**EVF742**	**EVF736**	**EVF748**
2 m	**EVCC18**	**EVCC30**	**EVCC24**	**EVCC36**	**EVF731**	**EVF743**	**EVF737**	**EVF749**
5 m	**EVCC19**	**EVCC31**	**EVCC25**	**EVCC37**	**EVF732**	**EVF744**	**EVF738**	**EVF750**
10 m	**EVCC20**	**EVCC32**	**EVCC26**	**EVCC38**	**EVF733**	**EVF745**	**EVF739**	**EVF751**
15 m	**EVCC21**	**EVCC33**	**EVCC27**	**EVCC39**	**EVF734**	**EVF746**	**EVF740**	**EVF752**
25 m	**EVCC22**	**EVCC34**	**EVCC28**	**EVCC40**	**EVF735**	**EVF747**	**EVF741**	**EVF753**
Jumper cable								
1 m	**EVCC41**	**EVCC49**	**EVCC45**	**EVCC53**	**EVF754**	**EVF762**	**EVF758**	**EVF766**
2 m	**EVCC42**	**EVCC50**	**EVCC46**	**EVCC54**	**EVF755**	**EVF763**	**EVF759**	**EVF767**
5 m	**EVCC43**	**EVCC51**	**EVCC47**	**EVCC55**	**EVF756**	**EVF764**	**EVF760**	**EVF768**
10 m	**EVCC44**	**EVCC52**	**EVCC48**	**EVCC56**	**EVF757**	**EVF765**	**EVF761**	**EVF769**

Reduced cabling and a secure connection

The 8-core jumper and connection cables for use in machine tools and the food industry simplify the connection of 8-pole devices such as cameras or light grids in the field. With eight signal paths available per cable, cabling requirements are significantly reduced. ecolink technology enables reliable, vibration-resistant manual installation of the cable. Depending on the version, the cables are resistant to oil and coolants (EVC) or to cleaning agents and disinfectants (EVF). Protection ratings up to IP69 and suitability for drag chains ensure permanently reliable data transmission.

Core colours simplify connection

For connection cables, the core colours correspond to the pin assignment of safety light curtains, enabling quick and error-free connection in the control cabinet.

Technical data		
Coding type		A
Operating voltage	[V]	32
Total current rating	[A]	2
Core cross-section	[mm²]	0.25
Ambient temperature EVC EVF	[°C]	 -25...90 -25...100
Protection rating		IP65, IP67, IP68, IP69

BEST FRIENDS



Light tower
Clearly visible visualisation of operating states



Safety light grid
With integrated muting function



2D 3D camera
Mobile-ready version with AI-based person detection

For further technical details, please visit: ifm.com/fs/EVCC17

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