

Product type designation

Product description

IE FC M12 Plug PRO (PROFINET)

M12 connector with high protection, 4-pole, D-coded Industrial Ethernet FastConnect M12 plug PRO 2x2 M12 plug-in connector with rugged metal enclosure and FC connection method, with axial cable outlet (D-coded) 1 pack=8 units for SCALANCE X208 PRO and ET 200 PRO PN



Suitability for use

For connecting electrical cables to SCALANCE X208PRO, ET200 PRO PN or ET200 eco PN for fast assembly with the FastConnect system

Transfer rate

Transfer rate / for Industrial Ethernet 10 Mbit/s, 100 Mbit/s

Interfaces

Number of electrical connections

- for Industrial Ethernet FC TP cables 4
- for network components or terminal equipment 1

Type of electrical connection

- for Industrial Ethernet FC TP cables integrated cut-and-clamp contacts for 4-wire TP FC installation cable AWG22
- for network components or terminal equipment M12 connector (D-coded)

Type of electrical connection / FastConnect

Yes

Mechanical data

Material / of the enclosure metal

Number of reuses 10

Locking mechanism design	Screw
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Design, dimensions and weights

Type of cable outlet	180° cable outlet
Width	19 mm
Height	19 mm
Depth	73 mm
Net weight	40 g

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport 	<p>-40 ... +85 °C</p> <p>-40 ... +85 °C</p> <p>-40 ... +85 °C</p>
Relative humidity	
<ul style="list-style-type: none"> at 25 °C / without condensation / during operation / maximum 	95 %
Chemical resistance	
<ul style="list-style-type: none"> to water 	resistant
Protection class IP	IP65/67

Product features, product functions, product components / general

Product feature	
<ul style="list-style-type: none"> PoE capability PoE+capability silicon-free 	<p>Yes</p> <p>Yes</p> <p>Yes</p>
Product component	
<ul style="list-style-type: none"> strain relief 	Yes

Standards, specifications, approvals

Certificate of suitability	
<ul style="list-style-type: none"> RoHS conformity UL approval cULus approval Railway application in accordance with EN 50155 	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No</p>
Standard for structured cabling	Cat5

Further information / Internet-Links

Internet-Link	
<ul style="list-style-type: none"> to website: Selector SIMATIC NET SELECTION TOOL to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Image database 	<p>http://www.siemens.com/snst</p> <p>http://www.siemens.com/simatic-net</p> <p>https://mall.industry.siemens.com</p> <p>http://www.siemens.com/industry/infocenter</p> <p>http://automation.siemens.com/bilddb</p>

- to website: CAx Download Manager
- to website: Industry Online Support

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

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