

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=1 unit 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

Transmission 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 weight

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

Permitted 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 / at 25 °C / without condensation / during operation / maximum	95 %
Chemical resistance / to water	resistant
Protection class IP	IP65/67

Product properties, functions, 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 to website: CAx Download Manager to website: Industry Online Support 	<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> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>

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