

Product type designation

Product description

IE M12 Plug PRO (PROFINET)

M12 connector with high protection, 4-pole, D-coded

IE M12 plug PRO M12 plug-in connector with rugged metal

enclosure and quick-connect technology, 180° 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, with insulation displacement contacts

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
- for network components or terminal equipment M12 connector (D-coded)

Type of electrical connection / FastConnect

No

Mechanical data

Material / of the enclosure

metal

Locking mechanism design

Screw

Type of cable outlet

180° cable outlet

Width	14 mm
Height	14 mm
Depth	59 mm
Net weight	37 g

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation 	-20 ... +70 °C
<ul style="list-style-type: none"> during storage 	-40 ... +80 °C
<ul style="list-style-type: none"> during transport 	-40 ... +80 °C
Chemical resistance	
<ul style="list-style-type: none"> to water 	resistant
Protection class IP	IP67

Product features, product functions, product components / general

Product feature	
<ul style="list-style-type: none"> silicon-free 	Yes
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 	Yes
<ul style="list-style-type: none"> UL approval 	Yes
<ul style="list-style-type: none"> Railway application in accordance with EN 50155 	No
Standard for structured cabling	Cat5

Further information / Internet-Links

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

last modified:

11/11/2019