

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 CONNECTOR W. RUGGED METAL HOUSING A. SHORT ASSEMBLY TIMES DUE TO THEIR INSULATION- DISPLACEMENT TECHNOLOGY METHOD, 180 DGR CABLE OUTLET (D-CODED) 1 PACKAGE = 8 PIECES FOR SCALANCE X208 PRO AND ET200 PRO PN



Suitability for use

For connecting electrical cables to SCALANCE X208PRO, ET200 PRO PN or ET200 eco PN, with insulation displacement contacts

Transmission rate

Transfer rate / for Industrial Ethernet

10 Mbit/s, 100 Mbit/s

Interfaces

Number of electrical connections

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

4

1

Type of electrical connection

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

integrated cut-and-clamp contacts for 4-wire TP FC installation cable

M12 connector (D-coded)

Type of electrical connection / FastConnect

No

Mechanical data

Material / of the enclosure

metal

Design, dimensions and weight

Type of cable outlet

180° cable outlet

Width

14 mm

Height

14 mm

Depth

59 mm

Net weight

37 g

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport 	<p>-20 ... +70 °C</p> <p>-40 ... +80 °C</p> <p>-40 ... +80 °C</p>
Chemical resistance / to water	resistant
Protection class IP	IP65/67

Product properties, functions, components / general

Product property	
<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 UL approval Railway application in accordance with EN 50155 	<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/automation/net/catalog</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>

last modified: 09.03.2015