

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

interfaces	
number of electrical connections	
<ul style="list-style-type: none"> for Industrial Ethernet FC TP cables 	4
<ul style="list-style-type: none"> for network components or terminal equipment 	1
type of electrical connection	
<ul style="list-style-type: none"> for Industrial Ethernet FC TP cables 	integrated cut-and-clamp contacts for 4-wire TP FC installation cable AWG22
<ul style="list-style-type: none"> 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	Screwed joint
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	
• during operation	-40 ... +85 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
relative humidity	
• at 25 °C / without condensation / during operation / maximum	95 %
chemical resistance	
• to water	resistant
protection class IP	IP65/67
product features, product functions, product components / general	
product feature	
• PoE capability	Yes
• PoE+capability	Yes
• silicon-free	Yes
product component	
• strain relief	Yes
standards, specifications, approvals	
certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes
• cULus approval	Yes
• railway application in accordance with EN 50155	No
standard for structured cabling	Cat5
further information / internet-Links	
Internet-Link	
• to web page: selection aid TIA Selection Tool	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb

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

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

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

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