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Show actual product details

Data sheet 6GK1901-0DB10-6AA8

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	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

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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	
• during operation	-20 ... +70 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
Chemical resistance / to water	resistant
Protection class IP	IP67

Product properties, functions, components / general	
Product feature	
• silicon-free	Yes
Product component	
• strain relief	Yes

Standards, specifications, approvals	
Certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes
• Railway application in accordance with EN 50155	No
Standard for structured cabling	Cat5

Further Information / Internet Links	
Internet-Link	
• to website: Selector SIMATIC NET 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	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

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