SIEMENS

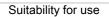
Data sheet

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



Transmission rate

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

Transfer rate / for Industrial Ethernet	10 Mbit/s, 100 Mbit/s
nterfaces	
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
Design, dimensions and weight	
Type of cable outlet	180° cable outlet
Width	14 mm
Height	14 mm
Depth	59 mm
	37 g

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	IP65/67
Product properties, functions, components / genera	al
Product property	
• 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 	No
50155	
Standard for structured cabling	Cat5
Further Information / Internet Links	
Internet-Link	
 to website: Selector SIMATIC NET 	http://www.siemens.com/snst
SELECTION TOOL	
 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/automation/net/catalog
 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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