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Data sheet   **6GK1907-0DC10-6AA3**

product type designation	**Power M12 Cable Connector PRO**
product description	M12 power connector socket, 4-pole, A-coded
	IE Power M12 Cable Connector PRO connection socket for connection of SCALANCE W-700/X208PRO for DC 24 V supply voltage 4-pole, A-coded, with installation instructions, 3 units.

suitability for use	For connection to SCALANCE W-700 / X208PRO for 24 V DC voltage supply
interfaces	
number of electrical connections	
● for network components or terminal equipment	1
type of electrical connection	
● for PROFIBUS cables	Integrated screw contacts for 2-core power cables
● for network components or terminal equipment	M12 connector (female insert, A-coded, 4-pin)
type of electrical connection / FastConnect	No
mechanical data	
material / of the enclosure	plastic
locking mechanism design	Screwed joint
tightening torque / for M12 round connector / maximum	0.6 N·m
connector coding / of the M12 circular connector	A
design, dimensions and weights	
type of cable outlet	180° cable outlet
width	19 mm
height	19 mm
depth	73 mm
net weight	40 g
connectable cable cross-section	6 ... 8 mm
connectable conductor cross-section	0.75 mm²
● solid	0.75 mm²
● finely stranded / with core end processing	0.75 mm²
● finely stranded / without core end processing	0.75 mm²
ambient conditions	
ambient temperature	
● during operation	-40 ... +70 °C
● during storage	-40 ... +80 °C
● during transport	-40 ... +80 °C
chemical resistance	
● to water	resistant
protection class IP	IP65/67
product features, product functions, product 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
reference code	
● according to IEC 81346-2:2019	XDB

further information / internet links

internet link	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to website: Industrial communication	https://www.siemens.com/simatic-net
● to web page: SiePortal	https://sieportal.siemens.com
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

security information

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Approvals / Certificates

General Product Approval				Test Certificates	Environment
Declaration of Conformity	CCC	EAC	UL	Special Test Certificate	Confirmation

Industrial Communication

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