SIEMENS

Data sheet   **6GK1908-0DB10-6AA0**

product type designation	**Control M12 plug PRO**
product description	M12 connection plug 5-pin, A-coded
	control M12 Plug PRO; connection plug that can be assembled in the field; for the connection of IO-Link sensors/actuators 5-pole; A-coded, 1 unit.

suitability for use	Connection plug suitable for on-site assembly, for connecting IO-Link sensors/actuators

interfaces

number of electrical connections	
● for network components or terminal equipment	5
type of electrical connection / FastConnect	No

electrical data

voltage / rated value / maximum	60 V
ampacity / of the contacts / maximum	3 A

mechanical data

material / of the enclosure	plastic
locking mechanism design	Screwed joint
number of poles	5
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	20.2 mm
height	20.2 mm
depth	60 mm
net weight	0.018 g
connectable cable cross-section	4 ... 6 mm
connectable conductor cross-section	0.4 ... 0.5 mm²

ambient conditions

ambient temperature	
● during operation	-40 ... +85 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
chemical resistance	
● to water	resistant
protection class IP	IP67

product features, product functions, product components / general

product feature	
● silicon-free	Yes
product component	
● strain relief	Yes

standards, specifications, approvals

certificate of suitability	

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● RoHS conformity	Yes
● UL approval	Yes
● railway application in accordance with EN 50155	No

further information / internet links	
internet link	
● to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-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/industry/infocenter
● to website: Selection guide for cables and connectors	https://sie.ag/2QdlxcP
● 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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