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.



product brand name	SIMATIC NET
Technical Product Detail Page	https://i.siemens.com/1P6GK1908-0DB10-6AA0
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 diameter	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	

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● strain relief	Yes
standards, specifications, approvals	
certificate of suitability	
● RoHS conformity	Yes
● UL approval	Yes
● railway application in accordance with EN 50155	No
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	

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