SIEMENS

Data sheet 6GK1906-0EA00

product type designation	**Power M12 Plug PRO**
product description	M12 plug-in connector with male contact insert, rated current 12 A (70 °C), 4-pole, L-coded

Power M12 plug PRO, axial cable outlet for assembly in the field, male contact insert, L-coded (pin) 1 pack = 1 unit.



Technical Product Detail Page	https://i.siemens.com/1P6GK1906-0EA00
suitability for use	For 24 V DC power supply of devices with L-coded M12 interface
interfaces	
number of electrical connections	
● for network components or terminal equipment	1
type of electrical connection	
● for network components or terminal equipment	M12 connector (male contact insert, 4-pole, L-coded)
type of electrical connection / FastConnect	No
electrical data	
ampacity / up to 70 °C / maximum	12 A
mechanical data	
material / of the enclosure	metal
locking mechanism design	Screwed joint
tightening torque / for M12 round connector / maximum	0.6 N·m
connector coding / of the M12 circular connector	L
design, dimensions and weights	
type of cable outlet	180° cable outlet
width	23 mm
height	23 mm
depth	69.4 mm
net weight	96 g
connectable cable cross-section	7 ... 9 mm
connectable conductor cross-section	1.5 ... 2.5 mm²
ambient conditions	
ambient temperature	
● during operation	-40 ... +105 °C
● during storage	-40 ... +105 °C
● during transport	-40 ... +105 °C
chemical resistance	
● to water	resistant
protection class IP	IP67/69K
product features, product functions, product components / general	
product feature	
● silicon-free	Yes
product component	
● strain relief	Yes

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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	Industrial Communication
EAC	PROFINET

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