SIEMENS

## Data sheet 6GK1906-0EB00

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

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




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| product brand name | SIMATIC NET |
| Technical Product Detail Page | https://i.siemens.com/1P6GK1906-0EB00 |
| 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 (female contact insert, 4-pole, L-coded) |
| type of electrical connection / FastConnect | No |
| **electrical data** | |
| ampacity / of the contacts / maximum | 16 A |
| 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 | 66.1 mm |
| net weight | 96 g |
| connectable cable diameter | 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 |


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| 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 |
| **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** | |
| security information | Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7) |

**Approvals / Certificates**

| General Product Approval | Industrial Communication |
|---|---|
| EAC CE EG-Konf. | PROFINET |

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