# SIEMENS

**Data sheet**                  **6GK1906-0EB00**

| 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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| 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 / 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 cross-section | 6 ... 8 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 |
| **standards, specifications, approvals** | |
| certificate of suitability | |

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| ● RoHS conformity | Yes |
| ● UL approval | Yes |
| ● railway application in accordance with EN 50155 | No |
| reference code | |
| ● according to IEC 81346-2:2019 | XGA |

## 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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| **last modified:** | 12/9/2024 ⬀ |

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