SIEMENS

## Data sheet 6GT2091-0PH50

| | |
|---|---|
| **product type designation** | **Plug-in cable 24 V, M12 5-pin M12 L-coded** |
| product description | flexible cable (4-wire) |
| | SIMATIC RF connecting cable for 24V connection of devices with L-coded connectors to power supply units of the type 6GT2898-0AC, PUR, length 5 m. |



| | |
|---|---|
| suitability for use | Plug-in cable for connecting devices with L-coded plugs to the wide range power supply 6GT2898-0ACxx |
| cable designation | LIYY-4X0,22UL |
| wire length | 5 m |
| **electrical data** | |
| number of electrical connections | 2 |
| type of electrical connection | M12 A-coded (male, 5-pin, straight) / M12 L-coded (female, 4-pin, straight) |
| loop resistance per length / maximum | 110 mΩ/m |
| insulation resistance coefficient | 20 GΩ·m |
| operating voltage | |
| ● maximum | 30 V |
| **mechanical data** | |
| number of electrical cores | 4 |
| design of the shield | unshielded |
| outer diameter | |
| ● of cable sheath | 4.3 mm |
| symmetrical tolerance of the outer diameter / of cable sheath | 0.2 mm |
| material | |
| ● of the wire insulation | PVC |
| ● of cable sheath | TPE-U |
| color | |
| ● of cable sheath | Black |
| bending radius | |
| ● with single bend / minimum permissible | 43 mm |
| ● with multiple bends / minimum permissible | 64 mm |
| **ambient conditions** | |
| ambient temperature | |
| ● during operation | -10 ... +80 °C |
| ● during storage | -40 ... +80 °C |
| ● during transport | -40 ... +80 °C |
| ● during installation | -10 ... +80 °C |
| **product features, product functions, product components / general** | |
| product feature | |
| ● halogen-free | No |
| **standards, specifications, approvals** | |
| reference code | |
| ● according to IEC 81346-2 | WG |
| ● according to IEC 81346-2:2019 | WGB |


Subject to change without notice
© Copyright Siemens

| 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 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

EAC

China RoHS

**last modified:** 8/8/2024


Subject to change without notice
© Copyright Siemens