

**product type designation**

product description

**Plug-in cable 24 V, M12 5-pin M12 L-coded**

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.



Technical Product Detail Page

<https://l.siemens.com/1P6GT2091-0PH50>

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
- of cable sheath

PVC

TPE-U

color

- of cable sheath

Black

bending radius

- with single bend / minimum permissible
- with multiple bends / minimum permissible

43 mm

64 mm

**ambient conditions**

ambient temperature

- during operation
- during storage
- during transport
- during installation

-10 ... +80 °C

-40 ... +80 °C

-40 ... +80 °C

-10 ... +80 °C

**product features, product functions, product components / general**

product feature

- halogen-free

No

**further information / internet links**

internet link

- to website: Selection guide for cables and connectors
- to web page: selection aid TIA Selection Tool
- to web page: SiePortal
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

- <https://support.industry.siemens.com/cs/ww/en/view/109766358>
- <https://www.siemens.com/tstcloud>
- <https://sieportal.siemens.com/>
- <https://www.automation.siemens.com/bilddb>
- <https://www.siemens.com/cax>
- <https://support.industry.siemens.com>

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security information

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## Approvals / Certificates

### General Product Approval



[China RoHS](#)

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