

**product type designation**

product description

**Cable for IO-Link, wire end sleeves / M12**

Sensor cable (4-core)

SIMATIC RF IO-Link connecting cable, pre-assembled, between IO-Link master and reader, M12 4-pole and open end, PVC, length 5 m.



Technical Product Detail Page

<https://l.siemens.com/1P6GT2891-4LH50-0AX0>

suitability for use

Plug-in cable for connecting an IO-Link device to an IO-Link master

cable designation

LiY-11Y 4xAWG 22

wire length

5 m

**electrical data**

number of electrical connections

2

type of electrical connection

wire end sleeves (labeled) / M12 (female, 4 pin, straight)

loop resistance per length / maximum

108 mΩ/m

insulation resistance coefficient

20 GΩ·m

operating voltage

- maximum

30 V

**mechanical data**

number of electrical cores

3

design of the shield

unshielded

outer diameter

- of cable sheath

4.6 mm

material

- of the wire insulation
- of cable sheath

PVC  
PVC

color

- of the insulation of data wires
- of cable sheath

red, black, orange  
Black

bending radius

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

35 mm  
69 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

fire behavior

flame resistant according to DIN VDE 0482-332-1-2 / EN 60332-1-2 / IEC 60332-1-2, UL VW-1, CSA FT1; UL Std. 758 (AWM) Style 2464, CSA Std. C22.2 No. 210 - AWM I/II A/B

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

product feature

- halogen-free

No

**standards, specifications, approvals**

UL/ETL listing / 300 V Rating

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>

**security information**

security information

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**Approvals / Certificates**

General Product Approval

EMV



[KC](#)

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