

product type designation

product description

Connecting cable RS232, M12 / PicoBlade

Communication cable (4-core)

SIMATIC RF1000 connecting cable, pre-assembled RS232, between RF1040R or RF1070R and an RF166C, RF170C or RF18xC/CI; black, length 2 m,.



suitability for use

plug-in cable for connecting an RF1000 reader with RF166C, RF170C or RF18xC/CI

cable designation

LiYCY 4x AWG26

wire length

2 m

electrical data

number of electrical connections

2

type of electrical connection

M12 (female, 8-pole, straight) / PicoBlade 51021 5-pole

loop resistance per length / maximum

130 mΩ/m

operating voltage

- maximum

300 V

mechanical data

number of electrical cores

4

design of the shield

Braided shield made of tin-plated copper wires

outer diameter

- of cable sheath

4.6 mm

material

- of the wire insulation
- of cable sheath

PVC
Special PVC, flame resistant according to UL-VW-1

color

- of the insulation of data wires
- of cable sheath

international color code
Black

bending radius

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

69 mm
69 mm

weight per length

35 kg/km

ambient conditions

ambient temperature

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

-15 ... +80 °C
-30 ... +80 °C
-30 ... +80 °C
-15 ... +80 °C

fire behavior

flame resistant according to IEC 60332-1-2

chemical resistance

- to mineral oil
- to water

resistant
resistant

radiological resistance / to UV radiation

resistant

product features, product functions, product components / general

product feature

- halogen-free

No

- silicon-free

Yes

standards, specifications, approvals

UL/ETL listing / 300 V Rating
reference code

Yes; UL AWM 2464/2517 (only cable without plug)

- according to IEC 81346-2
- according to IEC 81346-2:2019

WG
WGB

further information / internet-Links

Internet-Link

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<https://support.industry.siemens.com/cs/ww/en/view/67384964>
<http://www.siemens.com/ident/rfid>
<https://mall.industry.siemens.com>
<http://www.siemens.com/industry/infocenter>
<http://automation.siemens.com/bilddb>
<http://www.siemens.com/cax>
<https://support.industry.siemens.com>

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