SIEMENS

Data sheet 6GT2891-2UH30

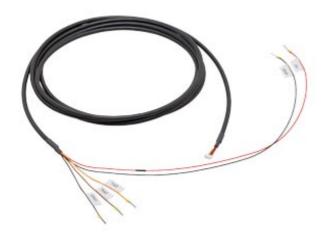
Product type designation Product description

Connecting cable RS232, open end / PicoBlade

Communication cable (4-core)

SIMATIC RF1000 connecting cable, pre-assembled RS 232,

between RF1070R and controllers with bare ends Black, length 3 m



Suitability for use	Plug-in cable for connecting a reader with an RS232 module with screw connection (for example, ET 200SP)
Cable designation	LiYCY 4x AWG26
Wire length	3 m

Electrical data	
Number of electrical connections	2
Type of electrical connection	Open end / 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	PVC

• of cable sheath	Special PVC, flame resistant according to UL-VW-1
Color	
• of cable sheath	Black
Bending radius	
 with single bend / minimum permissible 	69 mm
• with multiple bends / minimum permissible	69 mm
Weight per length	35 kg/km

Ambient conditions	
Ambient temperature	
during operation	-15 +80 °C
during storage	-30 +80 °C
during transport	-30 +80 °C
 during installation 	-15 +80 °C
Burning behavior	flame resistant according to IEC 60332-1-2
Chemical resistance	
• to mineral oil	resistant
• to water	resistant
Radiological resistance / to UV radiation	resistant

Product features, product functions, product components / general

Product feature

No • halogen-free Yes • silicon-free

Standards, specifications, approvals

UL/ETL listing / 300 V Rating Yes; UL AWM 2464/2517 (only cable without plug)

Internet-Link

http://www.siemens.com/ident/rfid • to website: Industrial communication

https://mall.industry.siemens.com • to website: Industry Mall

http://www.siemens.com/industry/infocenter • to website: Information and Download Center http://automation.siemens.com/bilddb

• to website: Image database

http://www.siemens.com/cax • to website: CAx Download Manager

https://support.industry.siemens.com • to website: Industry Online Support

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