

product type designation

product description

Cable SINAUT ST7, CC 701-4A

Plug-in cable, preferred length, preassembled

SINAUT ST7, plug-in cable for connection of a TIM with a of the SINAUT ST7 modems MD2, MD3 or MD4 via the RS232 interface; also suitable for connection of the named modems to a SIMATIC point-to-point CP such as CP 340, CP 341 or CP 441 with RS232 interface; Cable length 1.5 m



Figure similar

suitability for use

For connecting a TIM to a SINAUT ST7 modem (MD2, MD3, MD4) over an RS232 interface

cable designation

LIYCY- 10x1x0,14

wire length

1.5 m

electrical data

number of electrical connections

2

insulation resistance coefficient

20 GΩ·m

capacity per length / at 1 kHz

160 pF/m

inductance per length

0.65 μH/m

operating voltage

- RMS value
- maximum

250 V
350 V

mechanical data

number of electrical cores

10

design of the shield

Braided shield made of tin-plated copper wires

outer diameter

- of inner conductor
- of cable sheath

0.14 mm
6.1 mm

material

- of the wire insulation
- of cable sheath

PVC
PVC

color

- of the insulation of data wires
- of cable sheath

various colors according to DIN 47100
gray

bending radius

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

30.5 mm
61 mm

weight per length

66 kg/km

ambient conditions

ambient temperature

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

-5 ... +70 °C
-5 ... +70 °C
-5 ... +70 °C
70 °C

fire behavior

flame resistant according to IEC 60332-1

chemical resistance

<ul style="list-style-type: none"> • to mineral oil • to grease 	conditional resistance Conditional resistance
radiological resistance / to UV radiation	not resistant
product features, product functions, product components / general	
product feature	
<ul style="list-style-type: none"> • halogen-free • silicon-free 	No Yes
standards, specifications, approvals	
Marine classification association	
<ul style="list-style-type: none"> • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • Det Norske Veritas (DNV) • Germanische Lloyd (GL) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) 	No No No No No No No
reference code	
<ul style="list-style-type: none"> • acc. to IEC 81346-2 • according to IEC 81346-2:2019 	WG WGB
further information / internet-Links	
Internet-Link	
<ul style="list-style-type: none"> • 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 	http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net 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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