

Product type designation

Product description

Steckleitung SINAUT ST7, CC 701-4B

Plug-in cable, preferred length, preassembled

SINAUT ST7, Plug-in cable with bare end on one side for connection of a TIM with a third-party modem or radio equipment via the RS232 interface; Cable length 2.5 m



Figure similar

Suitability for use	For connecting a TIM with a third-party modem or radio unit over an RS232 interface, one free end
Cable designation	LIYCY- 10x1x0,14
Wire length	2.5 m

Electrical data

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	250 V
• maximum	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	0.14 mm

<ul style="list-style-type: none"> • of cable sheath 	6.1 mm
Material	
<ul style="list-style-type: none"> • of the wire insulation 	PVC
<ul style="list-style-type: none"> • of cable sheath 	PVC
Color	
<ul style="list-style-type: none"> • of the insulation of data wires 	various colors according to DIN 47100
<ul style="list-style-type: none"> • of cable sheath 	gray
Bending radius	
<ul style="list-style-type: none"> • with single bend / minimum permissible 	30.5 mm
<ul style="list-style-type: none"> • with multiple bends / minimum permissible 	61 mm
Weight per length	66 kg/km

Ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> • during operation 	-5 ... +70 °C
<ul style="list-style-type: none"> • during storage 	-5 ... +70 °C
<ul style="list-style-type: none"> • during transport 	-5 ... +70 °C
<ul style="list-style-type: none"> • during installation 	70 °C
Burning behavior	flame resistant according to IEC 60332-1
Chemical resistance	
<ul style="list-style-type: none"> • to mineral oil 	conditional resistance
<ul style="list-style-type: none"> • to grease 	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 	No
<ul style="list-style-type: none"> • silicon-free 	Yes

Standards, specifications, approvals	
Marine classification association	
<ul style="list-style-type: none"> • American Bureau of Shipping Europe Ltd. (ABS) 	No
<ul style="list-style-type: none"> • Bureau Veritas (BV) 	No
<ul style="list-style-type: none"> • Det Norske Veritas (DNV) 	No
<ul style="list-style-type: none"> • Germanische Lloyd (GL) 	No
<ul style="list-style-type: none"> • Lloyds Register of Shipping (LRS) 	No
<ul style="list-style-type: none"> • Nippon Kaiji Kyokai (NK) 	No
<ul style="list-style-type: none"> • Polski Rejestr Statkow (PRS) 	No

Further information / Internet-Links	
Internet-Link	
<ul style="list-style-type: none"> • to website: Selector SIMATIC NET SELECTION TOOL 	http://www.siemens.com/snst
<ul style="list-style-type: none"> • to website: Industrial communication 	http://www.siemens.com/simatic-net

- 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://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>

last modified:

10/26/2019