

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	
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

• of cable sheath	6.1 mm
Material	
• of the wire insulation	PVC
• of cable sheath	PVC
Color	
• of the insulation of data wires	various colors according to DIN 47100
• of cable sheath	gray
Bending radius	
• with single bend / minimum permissible	30.5 mm
• with multiple bends / minimum permissible	61 mm
Weight per length	66 kg/km

Ambient conditions

Ambient temperature	
• during operation	-5 ... +70 °C
• during storage	-5 ... +70 °C
• during transport	-5 ... +70 °C
• during installation	70 °C
Burning behavior	flame resistant according to IEC 60332-1
Chemical resistance	
• to mineral oil	conditional resistance
• to grease	Conditional resistance
Radiological resistance / to UV radiation	not resistant

Product features, product functions, product components / general

Product feature	
• halogen-free	No
• silicon-free	Yes

Standards, specifications, approvals

Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	No
• Bureau Veritas (BV)	No
• Det Norske Veritas (DNV)	No
• Germanische Lloyd (GL)	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (NK)	No
• Polski Rejestr Statkow (PRS)	No

Further information / Internet-Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• 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>

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