

Product type designation

Product description

Cable SINAUT ST7, CC 701-4A

Plug-in cable, preferred length, preassembled
SINAUT ST7, CONNECTING CABLE FOR CONNECTING A TIM TO ONE OF THE SINAUT ST7 MODEMS MD2, MD3 OR MD4 VIA THE RS232-INTERFACE; ALSO SUITABLE FOR CONNECTING THE NAMED MODEMS TO A SIMATIC POINT-TO-POINT CP LIKE CP340, CP341 OR CP441 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
Cable 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	
<ul style="list-style-type: none"> • with single bend / minimum permissible • with multiple bends / minimum permissible 	<p>30.5 mm</p> <p>61 mm</p>
Weight per length	66 kg/km

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation • during storage • during transport • during installation 	<p>-5 ... +70 °C</p> <p>-5 ... +70 °C</p> <p>-5 ... +70 °C</p> <p>70 °C</p>
Burning behavior	flame resistant according to IEC 60332-1
Chemical resistance	
<ul style="list-style-type: none"> • to mineral oil • to grease 	<p>Conditional resistance</p> <p>Conditional resistance</p>
Radiological resistance / to UV radiation	not resistant

Product properties, functions, components / general

Product property	
<ul style="list-style-type: none"> • halogen-free • silicon-free 	<p>No</p> <p>Yes</p>

Standards, specifications, approvals

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

Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> • to website: Selector SIMATIC NET 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 	<p>http://www.siemens.com/snst</p> <p>http://www.siemens.com/simatic-net</p> <p>https://mall.industry.siemens.com</p> <p>http://www.siemens.com/automation/net/catalog</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>
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