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Show actual product details

Data sheet 6XV1830-1CH30

Product type designation **Cable 830-1T**

Product description

Plug-in cable, preferred length, preassembled with two 9-pole D-sub connectors
SIMATIC NET, 830-1T CONNECTING CABLE FOR PROFIBUS,FOR CONNECT. OF DATA TERMINALS W. OLM A. OBT ASSEMBLED WITH TWO SUB D MALE CONNECTORS, 9-PIN, TERMINATED AT BOTH ENDS, 3M



Suitability for use	For connecting PROFIBUS nodes to OLM or OBT
Cable designation	L-02YSCY 1x2x0,22 VZN VI
Wire length	3 m

Electrical data	
Insulation resistance coefficient	1 GΩ·m
Capacity per length / at 1 kHz	30 pF/m
Operating voltage	
• RMS value	80 V

Mechanical data	
Number of electrical cores	2
Design of the shield	Braided shield made of tin-plated copper wires
Outer diameter	
• of inner conductor	0.61 mm
• of the wire insulation	1.8 mm
• of cable sheath	5.7 mm

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Symmetrical tolerance of the outer diameter / of cable sheath	0.2 mm
Material	
• of the wire insulation	PE
• of cable sheath	PVC
Color	
• of cable sheath	Violet
Bending radius	
• with multiple bends / minimum permissible	86 mm

Permitted ambient conditions

Ambient temperature	
• during operation	-40 ... +70 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Burning behavior	flame resistant according to IEC 60332-1
Chemical resistance	
• to mineral oil	oil resistant according to IEC 60811-2-1 (4 h / 70°C)
Protection class IP	IP20

Product properties, functions, components / general

Product feature	
• 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	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

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