

Product type designation

Product description

Cable 830-1T

Plug-in cable, preferred length, preassembled with two 9-pole D-sub connectors

Plug-in cable 830-1T for PROFIBUS for connection of terminal devices to OLM and OBT Already pre-assembled with 2 D-sub connectors, 9-pole, cable terminated on both ends, 3 m



Suitability for use	For connecting PROFIBUS stations 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	80 V	
• RMS value		
Mechanical data		
Number of electrical cores	2	
Design of the shield	Braided shield made of tin-plated copper wires	
Outer diameter	5.7 mm	
• of inner conductor		0.61 mm
• of the wire insulation		1.8 mm
• of cable sheath		

Symmetrical tolerance of the outer diameter / of cable sheath	0.2 mm
Material <ul style="list-style-type: none"> • of the wire insulation • of cable sheath 	polyethylene (PE) PVC
Color <ul style="list-style-type: none"> • of cable sheath 	Violet
Bending radius <ul style="list-style-type: none"> • with multiple bends / minimum permissible 	86 mm

Ambient conditions

Ambient temperature <ul style="list-style-type: none"> • during operation • during storage • during transport 	-40 ... +70 °C -40 ... +70 °C -40 ... +70 °C
Burning behavior	flame resistant according to IEC 60332-1
Chemical resistance <ul style="list-style-type: none"> • to mineral oil 	oil resistant according to IEC 60811-2-1 (4 h / 70°C)
Protection class IP	IP20

Product features, product functions, product components / general

Product feature <ul style="list-style-type: none"> • silicon-free 	Yes
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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) 	No No No No No No No
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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 	http://www.siemens.com/snst 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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