

Data sheet

6XV1830-1CH15

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, 1.5 m.



Technical Product Detail Page

<https://i.siemens.com/1P6XV1830-1CH15>

suitability for use

For connecting PROFIBUS stations to OLM or OBT

cable designation

L-02YSCY 1x2x0,22 VZN VI

wire length

1.5 m

electrical data

number of electrical connections	2
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
symmetrical tolerance of the outer diameter / of cable sheath	0.2 mm
material	
• of the wire insulation	polyethylene (PE)
• of cable sheath	PVC
color	
• of cable sheath	Violet
bending radius	
• with multiple bends / minimum permissible	86 mm

ambient conditions

ambient temperature	
• during operation	-40 ... +70 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
fire 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 features, product functions, product components / general

product feature	
• silicon-free	Yes

standards, specifications, approvals	
certificate of suitability	
• EAC approval	Yes
• CE marking	Yes
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	No
• French marine classification society (BV)	No
• Det Norske Veritas (DNV)	No
• Germanische Lloyd (GL)	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (NK)	No
• Polski Rejestr Statków (PRS)	No

further information / internet links	
internet link	<ul style="list-style-type: none"> • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to web page: SiePortal • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com

security information	
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Approvals / Certificates	
General Product Approval	



[Declaration of Conformity](#)



[Manufacturer Declaration](#)

[China RoHS](#)

General Product Approval	

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