

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

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
- of the wire insulation
- of cable sheath

0.61 mm

1.8 mm

5.7 mm

symmetrical tolerance of the outer diameter / of cable sheath

0.2 mm

material

- of the wire insulation
- of cable sheath

polyethylene (PE)

PVC

color

- of cable sheath

Violet

bending radius

- with multiple bends / minimum permissible

86 mm

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-40 ... +70 °C

-40 ... +70 °C

-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

| | |
|---|--|
| <ul style="list-style-type: none"> silicon-free | Yes |
| standards, specifications, approvals | |
| certificate of suitability | |
| <ul style="list-style-type: none"> EAC approval CE marking | Yes Yes |
| Marine classification association | |
| <ul style="list-style-type: none"> American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (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 |
| reference code | |
| <ul style="list-style-type: none"> acc. to IEC 81346-2 according to IEC 81346-2:2019 | WG WGB |
| further information / internet-Links | |
| Internet-Link | |
| <ul style="list-style-type: none"> to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Selection guide for cables and connectors to website: Image database to website: CAx-Download-Manager to website: Industry Online Support | http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter https://sie.ag/2QdlxcP http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com |
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