SIEMENS

Data sheet

6XV1878-5TN10

product type designation product description

IE TP Cord M12-180/RJ45-180

Flexible plug-in cable (8-wire), preferred length, pre-assembled with 1 x IE M12 plug 4X2, X-coded, 180 degrees cable outlet and 1x RJ45 connector; 4x2, 180 degrees cable outlet

IE TP Cord M12-180/RJ45-180, pre-assembled IE Flexible Cable, with 1x M12 plug (X-coded) 180 degrees cable outlet and 1x RJ45 plug; 180-degree cable outlet; length 10.0 m.



suitability for use For connecting Industrial Ethernet stations with an M12 interface (e.g. SCALANCE W and SCALANCE X) wire length 10 m 2 number of electrical connections attenuation factor per length • at 10 MHz / maximum 0.086 dB/m 0.28 dB/m • at 100 MHz / maximum • at 300 MHz / maximum 0.402 dB/m • at 600 MHz / maximum 0.735 dB/m impedance • at 1 MHz ... 100 MHz 100 Ω near-end crosstalk per length • at 100 MHz 0.724 dB/m • at 300 MHz 0.653 dB/m • at 600 MHz 0.608 dB/m loop resistance per length / maximum 290 mΩ/m insulation resistance coefficient 5000 GΩ·m operating voltage 80 V RMS value NVP value in percent 68 % number of electrical cores 8 design of the shield Overlapped aluminum-clad foil, sheathed in a braided screen of tin-plated copper wires type of electrical connection / FastConnect No core diameter • of AWG26 insulated conductor 0.48 mm outer diameter • of the wire insulation 1 mm • of the inner sheath of the cable 5.4 mm of cable sheath 6 5 mm symmetrical tolerance of the outer diameter / of cable sheath 0.3 mm material • of the wire insulation polyethylene (PE) • of cable sheath PUR color

te/green, white/brown
EC 60332-1-2, smoke density according to IEC
EN 60811-2-1
EN 00011-2-1
ens.com/cs/ww/en/view/109766358
cloud
<u>/</u>
ens.com/bilddb
<u>x</u>
≥ ens.com
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ind solutions with industrial cybersecurity functions ation of plants, systems, machines and networks. tems, machines and networks against cyber olement – and continuously maintain – a holistic, ersecurity concept. Siemens' products and uent of such a concept. Customers are responsible access to their plants, systems, machines and chines and components should only be connected he internet if and to the extent such a connection is

cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval

Declaration of Conformity

CE EG-Konf. Manufacturer Declaration

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