LEONI Field**Link**®

Industrial Ethernet Cat. 6$_A$

Flexible PROFINET cable for torsional stress applications

LEONI has extended its range of FieldLink products with an extremely flexible 10 Gbit Industrial Ethernet cable. It performs up to 5 million torsion cycles and as an easy-to-strip variant furthermore facilitates rapid assembly in the field. The cable also fulfils all the stipulations of the PROFINET Type C 4 pair standard.

All four pairs are wrapped with fleece foil, and filling compounds give the cable additional stability. The highest EMC separation class is achieved by means of the optimised overall shielding with 98 % coverage.

Characteristics:

- Withstands more than 5 million torsion cycles
- Easy assembly in the field reduces installation time
- Halogen free
- Oil resistant
- Flame retardant acc. to IEC 60332-1-2
- UL/AWM approval
- RoHS compliant

LEONI

Industrial Ethernet Cat. 6$_A$ cable
Application
Industrial Ethernet Cat. 6A ES, PROFINET patch cable for torsional stress applications (easy to strip, FRNC), 4x2x24AWG19, UL listed: AWM
Conductor
Stranded bare copper wire Ø 0.6 mm (0.024 in), insulation of PE Ø 1.0 mm (0.039 in), 2 wires twisted to a pair
Core
4 pairs with fillers, plastic tape overlapped, inner jacket: thermoplastic copolymer (FRNC)
Shield
Alulaminate foil overlapped, served shield of tinned copper wires, plastic tape overlapped
Jacket
Thermoplastic Polyurethane (TPU), green Ø 8.5 ± 0.2 mm (0.335 ± 0.008 in)
Characteristics
Flame retardant acc. to IEC 60332-1-2, halogen free acc. to IEC 60754-1, oil resistant acc. to DIN EN 60811-404 (7x24hrs / 90 °C), UL-Style 21198
Type designation
2YH(ST)D11Y 4x2x0.6/1.0-100 LI GN
Order number
L45467-J415-B18

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