

Turck Expands Industrial Ethernet Cable Offering with C1D2 Cables

Turck is pleased to announce the addition of three new Industrial Ethernet cables, suitable for use in Class I Division 2 applications. The cable specs are 22 AWG stranded Ethernet, with an ITC rating. When used with M12 connectors, the cordsets are covered by Turck's FM approval (reference documents NI-2.401 for FM, and NI-2.403 for CSA). Please see the table below for details regarding these new cables.

Turck Cable Type	Approvals	AWG	Jacket Color/ OD	Shield	Voltage Rating
444 CAT 5e	UL ITC, PLTC c(UL)US Type CM OIL RES I & II AWM	2UTPX22 (Stranded)	TPE/Teal 8.1 mm OD	Foil/Braid	600 V (AWM)
844 CAT 5e	UL ITC, PLTC c(UL)US Type CM OIL RES I & II AWM	4UTPX22 (Stranded)	TPE/Teal 8.7 mm OD	Foil/Braid	600 V (AWM)
445 CAT 5	See list below	2UTPX22 (Stranded)	TPE/Teal 8.0 mm OD	Foil/Braid	600 V (AWM)

Turck cable type 445 stands out as a CAT 5 cable, constructed from Turck's specially engineered proprietary jacket material, EX60. This allows us to offer an industrial Ethernet cable with unparalleled approvals. As with types 444 and 844, type 445 is also suitable for use in C1D2 environments. Cable type 445 boasts the following approvals:

- UL 1309 Marine Shipboard
- IEEE 1202/FT4
- IEEE 1580-2010 Marine Shipboard
- American Bureau of Shipping (ABS) Certified
- UL AWM 105 °C, 600 V
- UL ITC-ER Direct Burial; 105 °C, 150 V
- UL PLTC-ER Direct Burial; 105 °C, 300 V
- CSA CIC 90 °C Dry/90 °C Wet, 300 V Shielded
- FT1 & FT4 flame ratings
- Compliant with IEC 60332-3-22 Flame Test
- RoHS Compliant, CE
- Sunlight Resistant
- Oil Resistance (Oil Res I & II)
- -60 °C Cold Bend

Part description examples, using these cables:

RSSD RSSD 444-*M

RSS RSS 844-*M

RSSD RSSD 445-*M

Feel free to contact me if you have questions regarding this notification.

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