

Your Global Automation Partner

TURCK

Extremelife[®]-60 Cable Offering



Extremelife-60 offers a premium solution for extreme applications

Specifying the proper cable for an application is critical. Not only can the wrong cable type make installations more difficult and time consuming, it can also lead to frequent replacements and down time.

Turck's new Extremelife-60 cables are made from a proprietary jacket material that holds up extraordinarily well in harsh or cold environments, as the cable is easier to work with and will not crack like other more traditional products. This makes the cables an ideal fit for control and instrumentation applications where extreme cold performance is required.

The rugged cables also offer superior crush, impact, and abrasion resistance,

meeting the same test specifications as metal clad armored cables. These features, along with the numerous cable approvals for this offering, allow Extremelife-60 cables to excel in oil and gas, marine shipboard, and mobile equipment applications.

In addition, with the availability of our new TC-ER HL cable approval, these cables are now capable of being used in Class I Division 1 hazardous locations, as well as Class I Division 2 areas.

With a broad range of approvals and a rugged reliability that is second to none, all other cables fail in comparison to the Extremelife-60.

Advantages

- UL approved -60 °C cold bend, -40 °C cold impact
- Stays flexible and easy to work with, even at cold temperatures
- Passes FT4 flame test
- UV resistant (both the UL 720 hour & CSA 1000 hour tests)
- UL Oil Res I and II
- Crush, impact and abrasion resistant
- Available for analog, signal, or bus communication applications
- Customized cable configurations available
- Cost effective

Extremelife-60

Agency Approvals

- UL: ITC, PLTC, ITC-ER, PLTC-ER, TC-ER HL, and Direct Burial
- CUL: CIC Listed (300 V), CIC/TC Listed (600 V), Direct Burial
- NEC/CEC: approved for use in Class 1, Division 2 hazardous locations
- Marine Shipboard: UL 1309, IEEE 1580-2010, American Bureau of Shipping (ABS)
- IEC: Jacket is Type ST2 per IEC 60092-360:2014, IEC 60332-3-22 (flame)

Standard Offering

Pin Count	Cable Construction	Cable Jacket Color	Connector Family	Gender	Part Number	Pinout
4-pin	1 STP (18 AWG), 1 GND (18 AWG)	Black	M12 Eurofast®	Female	P-RKGV 4T-1188XL-*	1=BN 4=GN/YE
				Male	P-RSGV 4T-1188XL-*	2=BU
				Male to Female	P-RKGV 4T-1188XL-*/RSGV 4T	3=Drain
			A-Size Minifast®	Female	P-RKV 40-1188XL-*/M	1=BU 4=GN/YE
				Male	P-RSV 40-1188XL-*/M	2=BN
				Male to Female	P-RSV RKV 40-1188XL-*/M	3=Drain
6-pin	2 STP (18 AWG), 1 GND (18 AWG)	Black	A-Size Minifast®	Female	P-RKV 66-2176XL-*/M	1=BU 4=WH
				Male	P-RSV 66-2176XL-*/M	2=BN 5=BK
				Male to Female	P-RSV RKV 66-2176XL-*/M	3=GN/YE 6=Drain
10-pin	4 STP (18 AWG), 1 GND (18 AWG)	Black	C-Size Minifast®	Female	P-RKV 101-1189XL-*/M	1=WH/BK 6=RD/WH
				Male	P-RSV 101-1189XL-*/M	2=BK/WH 7=Drain
				Male to Female	P-RSV RKV 101-1189XL-*/M	3=WH/GN 8=GN/YE
12-pin	4 STP (18 AWG), 1 GND (18 AWG)	Black	M23 Multifast®	Female	P-CKMT 12-1189XL-*	4=GN/WH 9=WH/OR
				Male	P-CSMT 12-1189XL-*	5=WH/RD 10=OR/WH
				Male to Female	P-CSMT CKMT 12-1189XL-*	6=RD/WH 11=Drain
19-pin	8 STP (22 AWG), 1 GND (18 AWG)	Black	C-Size Minifast®	Female	P-RKV 190-1484XL-*/M	12=GN/YE 15=BN/WH
				Male	P-RSV 190-1484XL-*/M	16=WH/YE
				Male to Female	P-RSV RKV 190-1484XL-*/M	17=YE/WH
			M23 Multifast®	Female	P-CKMT 19-1484XL-*	18=WH/VT
				Male	P-CSMT 19-1484XL-*	19=VT/WH
				Male to Female	P-CSMT CKMT 19-1484XL-*	1=WH/BK 8=WH/OR 15=WH/YE
2=BK/WH 9=OR/WH 16=YE/WH						
3=WH/GN 10=WH/BU 17=WH/VT						
4=GN/WH 11=WH/BU 18=VT/WH						
5=Drain 12=GN/YE 19=N/C						
6=WH/RD 13=BU/WH						
7=N/C 14=WH/BN						