

Control/Instrumentation

Trex-Onics® High-Flex Ultra Coil Retractable Cord

Trex-Onics® High-Flex Ultra Coil Retractable Cord exhibits a unique design that provides a very durable yet lightweight retractile cord while preserving superior coil retention and snappiness.

This control and instrumentation cable features a heavy-duty security yellow polyurethane jacket that protects against cutting, abrasion, oil and chemicals. Also available as Quick-Connex™ Mini or Micro cord.



Ratings



600V

Max Conductor Temperature 90°C

Cold Temperature Rating -40°C

Performance Characteristics

✓ Sunlight Resistant ✓ Oil Resistant

Engineered to Resist

Flexing
 Abrasion
 Chemicals

Features & Benefits

Finely Stranded Tinned Copper Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Tinned conductors resist corrosion and are easier to solder.

Specially Compounded TPE Insulation

Resists effects of lubricating oils, coolants, cutting oils, acids, and most chemicals.

Specially Compounded Security Yellow TPU Jacket

Offers superior first-line defense against tearing, abrasion, impact, oil, ozone, UV exposure, and most chemicals. Flame and heat resistant. Extreme all-weather flexibility.

Available with 12" or 24" Leads on Both Ends

Provides for easy termination without disrupting coil integrity.

Designed for Continuous Cycling

Promotes longer cable life when properly installed in application.

Quick-Connex™ Compatible Design

Uniquely designed to add TPC's fully molded Quick-Connex™ Mini or Micro connectors in 3 or 4 conductor configurations.

Ordering Information

 For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Part No.	Configuration AWG/Cond	Retracted to Extended Coil Length (FT)	Lead Length (in)	Ampacity*	Nominal O.D. (in)	Standard Cable Gland**
60831	18/3	1-5	12	14	0.250	55002
60832	18/3	2-10	12	14	0.250	55002
60833	18/3	3-15	12	14	0.250	55002
60834	18/3	4-20	12	14	0.250	55002
60841	18/4	1-5	12	14	0.267	55002
60842	18/4	2-10	12	14	0.267	55002
60843	18/4	3-15	12	14	0.267	55002
60844	18/4	4-20	12	14	0.267	55002
60871	18/12	1-5	12	7	0.387	55004
60872	18/12	2-10	12	7	0.387	55004
60873	18/12	3-15	12	7	0.387	55004
60874	18/12	4-20	12	7	0.387	55004
60631	16/3	1-5	12	18	0.275	55002
60632	16/3	2-10	12	18	0.275	55002
60633	16/3	3-15	12	18	0.275	55002
60634	16/3	4-20	12	18	0.275	55002
60641	16/4	1-5	12	18	0.296	55002
60642	16/4	2-10	12	18	0.296	55002
60643	16/4	3-15	12	18	0.296	55002
60644	16/4	4-20	12	18	0.296	55002
60681	16/8	1-5	24	12	0.402	55004
60682	16/8	2-10	24	12	0.402	55004
60683	16/8	3-15	24	12	0.402	55004
60684	16/8	4-20	24	12	0.402	55004
60441	14/4	1-5	24	25	0.344	55002
60442	14/4	2-10	24	25	0.344	55002
60443	14/4	3-15	24	25	0.344	55002
60444	14/4	4-20	24	25	0.344	55002
60241	12/4	1-5	24	30	0.417	55004
60242	12/4	2-10	24	30	0.417	55004
60243	12/4	3-15	24	30	0.417	55004
60244	12/4	4-20	24	30	0.417	55004

Notes

*Based on a conductor temperature of 90°C, ambient temperature of 30°C, not more than three current carrying conductors, NEC Table 310.15(B)(16). Adjustments for more than three current carrying conductors per NEC Table 310.15(B)(3)(a).

**Grip-Seals® Aluminum straight cable gland part number listed. Sizing based on nominal cable O.D. Due to process tolerances, a smaller/larger gland size may be required. Confirm NPT Fitting Size matches application.