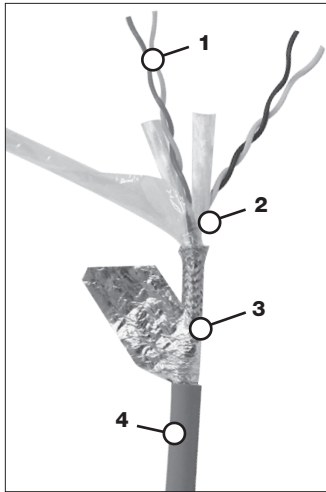# Trex-Onics® High-Flex PROFINET

- UL Listed
- cUL
- Typle PLTC
- Max Conductor Temp 80ºC
- Cold Temp Rating -40ºC
- 600 V*
- Sunlight Resistant
- Oil Resistant
- ANSI/TIA-568-C.2 / IEC 61156-5
- Suitable for use in Class I / Div. 2, Class II / Div. 2, Class III / Div. 1 and 2

This UL Listed, PROFINET Type B & C, Industrial Ethernet cable is suitable for use in bus systems where a more robust cable is required and is designed specifically for industrial applications where continuous flexing or motion control exists.

FEATURES & BENEFITS

**1. STRANDED TINNED COPPER CONDUCTORS – ** Provides longer flex life and improves cable flexibility.

**2. INSULATION – ** High density compounds are used for the conductor insulation to provide excellent dielectric properties that meet CAT5E requirements at 100m.

**3. ULTRA-SHIELD CONSTRUCTION, A HEAVY-DUTY TINNED COPPER BRAID, ALUMINUM/ POLYESTER FOIL SHIELD – ** 100% shielding provides protection from EM and RF interference. Finely stranded braid provides superior mechanical strength.

**4. JACKET – ** TPE jacketing compound provides protection from environmental abuse, with excellent defense against cutting, abrasion, oil and chemicals.

APPLICATIONS

Industry-standard integration such as TCP/IP, AS-Interface, PROFIBUS and Industrial Ethernet. Field devices and controllers, intelligent devices, motor drives, automation and motion control and Industrial local area networks

ORDERING INFORMATION *(MINIMUM PURCHASE MAY BE REQUIRED IF PRODUCT NOT STOCKED)*

PART NO.	CABLE AWG	AWG STRANDING	NO. OF PAIRS	FOIL SHIELD	BRAID SHIELD	BEND RADIUS	FINISHED O.D. (IN)	WEIGHT (LBS) PER 1000 FT
60061	22 AWG	19 x 0.0058	2	YES	YES	8 x O.D.	0.31	46

NOTE: Installation cable voltage is 300V-PLTC, 300V-ITC, or 600V-AWM 2463

Trex-Onics® Field Installable D-Coded Micro Connectors

- UL Recognized
- cUL
- IP67
- 250V

The M-12 D-Coded Micro field installable connector is designed to provide a reliable, easy to install Ethernet connection with ingress protection.

FEATURES & BENEFITS

• **4-POLE M12 CONNECTOR – ** Suitable for Industrial Ethernet (2-pair Cat5e cable)

APPLICATIONS

Industry-standard integration for TCP/IP and Industrial Ethernet. Field devices and controllers, intelligent devices, motor drives, automation and motion control and industrial local area networks.

ORDERING INFORMATION *(MINIMUM PURCHASE MAY BE REQUIRED IF PRODUCT NOT STOCKED)*

PART NO.	PLUG	CABLE O.D.	PART NO.	PLUG	CABLE O.D.
3340120	MALE STRAIGHT	0.118" - 0.256"	**3340122**	MALE STRAIGHT	0.157" - 0.315"
3340121	FEMALE STRAIGHT	0.118" - 0.256"	**3340123**	FEMALE STRAIGHT	0.157" - 0.315"

Specifications subject to change. For complete specifications and availability, ask your TPC Sales Representative or call 800-521-7935.

Portable Cords

Power Cables (600 Volt to 35 kV)

Welding Cables

VFD/Servo Motor Cables

Reeling Cables

Control Cables/ Instrumentation

Bus Cables

Flat Festoon Cables

Retractile Coil Cables

Chemical & Temp. Resistant Cables

High Temperature Cables

Igniter Cables

Thermocouple Extension Wires

Engineered Custom Cables