



QUICK-CONNECT™

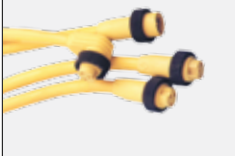


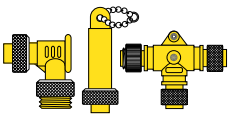
Family of Cord Sets & Cable
Assemblies



TPC WIRE & CABLE CORP.
EXPECT HIGH PERFORMANCE®

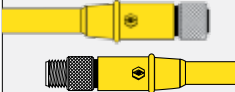
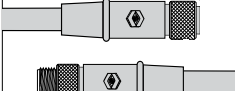

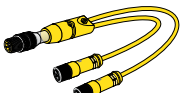
MINI QUICK-CONNECT™ ASSEMBLIES & ACCESSORIES

Our Mini Quick-Connect™ assemblies and accessories are designed for applications that require tough, sealed connectors that are able to operate in an industrial environment. TPC's Mini Quick-Connects™ offer the best in miniature connectors and are easy to install and maintain. We offer a wide variety of cord sets, receptacles, accessories, and assemblies in 10 AWG, 12 AWG, 14 AWG and 16 AWG and 2, 3, 4, 6, 7, 8, 9, 10 and 12 pole configurations.

PRODUCT NAME		RATINGS	
	Mini Quick-Connect™ Cord Sets & Receptacles	<ul style="list-style-type: none"> • UL Recognized • cUL • 600 V • Available in Straight and 90° 16, 14, 12 and 10 AWG with 2, 3, 4, 6, 7, 8, 9, 10 and 12 Pole Configurations 	<ul style="list-style-type: none"> • IP68 Rated, IP69K Rated • RoHS Compliant • Extreme All-Weather Flexibility • Flame & Heat Resistant
	Quick-Lock™ Lock-Out Device	<ul style="list-style-type: none"> • For use as a safety lock-out device • Compatible with Master Lock 	<ul style="list-style-type: none"> • UL Listed for Class I, Div. 2 Hazardous Locations
	Field Installable Mini Quick-Connects™	<ul style="list-style-type: none"> • IP67 Rated • RoHS Compliant • SAE Standard – H1728-2 	<ul style="list-style-type: none"> • 250 V • Operating Temp. Range -40°C to 85°C
	Quick-Connect™ Wiring System Accessories	<ul style="list-style-type: none"> • 16 AWG 90° Adapter (Available in 2, 3, 4 and 5 Pole) • Male Shorting Plug (Available in 16, 14 and 12 AWG) • 3/3/4 & 4/4/5 Three-Way Receptacles (16 AWG) • 90° Short Elbow (For 16 AWG, 2-12 Pole Cord Sets) 	<ul style="list-style-type: none"> • Closure Cap (For 16, 14, 12 & 10 AWG Cord Sets/Receptacles) • Strain Relief (For 16 AWG, 2-12 Pole Cord Sets) • Grip-Seal® (For 16 AWG, 2-12 Pole Cord Sets)

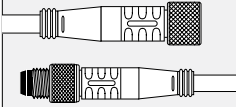
MICRO QUICK-CONNECT™ ASSEMBLIES & ACCESSORIES

TPC's Micro Quick-Connects™ makes replacement of electrical and electronic control devices quick and simple. Designed for high cycle, constant motion applications, these products provide excellent defense against impact, cutting, abrasion, oil, and chemicals. This protection prevents pin deformation that can cause loss of signal and electrical continuity. We offer a wide variety of cord sets, receptacles, y-splitters, accessories, and molded assemblies.

PRODUCT NAME		RATINGS	
	Super-Trex® SJO0 Micro Quick-Connect™ Cord Sets & Receptacles	<ul style="list-style-type: none"> • UL Recognized • cUL • Type SJO0 • Straight and 90° Configurations • RoHS Compliant 	<ul style="list-style-type: none"> • Max Conductor Temp. 90°C • 18 AWG AC & DC Mini & Y-Splitter • IP67 Rated • Extreme All-Weather Flexibility
	Trex-Onics® Micro M12 Single Key Quick-Connect™ Cord Sets & Receptacles	<ul style="list-style-type: none"> • UL Listed • cUL • 300 V • 4 Amps • IP68 Rated 	<ul style="list-style-type: none"> • RoHS Compliant • Single Key Design • 18 AWG AC and DC Micro • Straight and 90° Configurations • Extreme All-Weather Flexibility
	Field Installable AC & DC Micro Quick-Connects™	<ul style="list-style-type: none"> • IP67 Rated • RoHS Compliant • DC Single Key (4-5 Pole) 	<ul style="list-style-type: none"> • AC Dual Key (3 Pole) • 3 Amps DC • 4 Amps AC
	Super-Trex® & Trex-Onics® Y-Splitters	<ul style="list-style-type: none"> • UL Listed • cUL • 300 V 	<ul style="list-style-type: none"> • IP68 Rated (Super-Trex® Only) • RoHS Compliant • AC & DC Variations Available

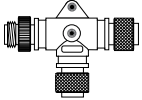

NANO QUICK-CONNECT™ ASSEMBLIES & ACCESSORIES

All of our Nano M8 Quick-Connects™ can withstand harsh weather and industrial environments. Used to interconnect tiny sensors and actuators, Nano M8 connectors play a vital role in some industrial applications. Common applications include computer interfaces, digital remote controls, proximity switches, robotics, sensors, and relays.

PRODUCT NAME		RATINGS	
	24 AWG Nano M8 Single-Ended & Double-Ended Assemblies & Receptacles	<ul style="list-style-type: none"> • UL Listed • CSA • IP68 Rated • RoHS Compliant • Operating Temp. Range -30°C to 90°C • 300 Volt Rated & 4 Amp Rated • Assemblies: Available in Snap-Lock & Threaded Coupling System Configurations 	<ul style="list-style-type: none"> • Nickel Plated Brass Coupling Nut • Gold Plated Copper Alloy Pins • 1 to 6 Meter Std. Lengths • Receptacles: Available in Female, Panel Mounted & Male, Panel Mounted • Receptacles: O-Ring & Locknut Included; Closure Caps w/ Chain Sold Separately





TREX-ONICS® DEVICENET™ QUICK-CONNECT™ ASSEMBLIES & ACCESSORIES


The DeviceNet™ specification supports a variety of different network services for support of up to 64 addressable bus nodes. TPC Wire & Cable Corp. supplies a full line of DeviceNet™ cable, connectors and accessories specifically designed for industrial applications. In addition to being UL and CSA rated, these products have been tested to meet all electrical requirements of the ODVA (Open DeviceNet Vendor Association). The design of our Flex-Net™ line of products was based on the proven performance of our Trex-Onics® line of electronic cable, offering superior cut-through, abrasion and chemical resistance.

PRODUCT NAME		RATINGS	
	Trex-Onics® Device-Net™ Quick-Connect™ Wiring System Accessories	<ul style="list-style-type: none"> • UL Listed • CSA • RoHS Compliant • ODVA Conformity 	<ul style="list-style-type: none"> • Oil and Shock Resistant • Available in Both Mini & Mini to Micro Configurations
	Trex-Onics® Flex-Net™ Receptacles for Device-Net™ Applications	<ul style="list-style-type: none"> • RoHS Compliant • Available as Male or Female in Both Mini and Micro Sizes 	<ul style="list-style-type: none"> • Designed to Mate with DeviceNet™ Compatible Plug Connectors and Accessories

SPECIALTY MINI & MICRO QUICK-CONNECTS™





Specialty Mini and Micro Quick-Connects™ are designed for the unique needs of industry-specific customers. For example, if your applications are exposed to high temperatures up to 180°C, UV light and mechanical abuse, Thermo-Trex® 500-Plus Silicone Mini Quick-Connects™ are ideal for you. For those who need protection from acid, alcohol, degreaser solvent and other chemicals, Chem-Gard® Quick-Connects™ offer a variety of benefits and are designed for continuous flex operations. Cord sets made with TPC's Trex-Onics® High-Flex Ultra-Coil Retractable provide defense against tearing, abrasion, impact, oil, ozone, and most chemicals.

PRODUCT NAME		RATINGS	
	Mini & Micro Retractable Quick-Connects™	<ul style="list-style-type: none"> • RoHS Compliant • 16 AWG Mini – 600 V • 18 AWG AC/DC Micro – 300 V 	<ul style="list-style-type: none"> • Max Conductor Temp. 90°C • Male/Female Configurations • Extreme All-Weather Flexibility
	Oval Quick-Connect™ Power Assemblies	<ul style="list-style-type: none"> • Type W • RoHS Compliant • 600 V • 2 AWG and 6 AWG Available • Superior defense against cutting, tearing, abrasion and impact 	<ul style="list-style-type: none"> • Flame and Heat Resistant • Interchangeable with most Std. Connectors now in use • Seal Protects Against Dust & Liquids & Reduces Carbon Arcing • Extreme All-Weather Flexibility
	Thermo-Trex® 500-Plus Cord Sets	<ul style="list-style-type: none"> • IP68 Rated • RoHS Compliant • 600 V • 12 AWG & 16 AWG Available • Operating Temperature up to 180°C 	<ul style="list-style-type: none"> • Resists Corrosion • Provides Quick & Secure Assembly • Excellent for Low Voltage/ Low Level signal applications
	DC Micro Chem-Gard® Quick-Connects™	<ul style="list-style-type: none"> • 300 V • RoHS Compliant • Max Temperature 90°C • Meets IP68 Requirements • Provides Long Life 	<ul style="list-style-type: none"> • Resists Corrosion • Easy Positive Engagement • Fully Bonded Head to Seal Against Moisture & Dust

SPECIALTY MINI & MICRO QUICK-CONNECTS™ (continued)		
PRODUCT NAME	RATINGS	
 <p>DC Micro Stainless Steel M12 Chem-Gard® Quick-Connects™</p>	<ul style="list-style-type: none"> • 250 V • 4 Amp • Abrasion & Chemical Resistant • Male/Female Configurations 	<ul style="list-style-type: none"> • Operating Temp. Range -25°C to 85°C (Terminal) • Operating Temp. Range -60°C to 200°C (Cable)


MOLDED ASSEMBLIES FOR WELDING & TEMPORARY POWER

TPC can create a custom “plug & play” quick connect system for power, control or data cables that can be quickly deployed in an emergency situation. The all-rubber construction of the molded connector design reduces cable stress and provides an environmental seal between the cable and connector head — protecting against water, oil and dust contamination.

PRODUCT NAME	RATINGS	
 <p>Molded Locking Assemblies “PA22”</p>	<ul style="list-style-type: none"> • Fully Molded Design • 600 V 	<ul style="list-style-type: none"> • Pull Tested to 2,000 lbs
 <p>Type SH Termination Assemblies</p>	<ul style="list-style-type: none"> • 5 kV to 35 kV 	
 <p>Pfisterer P3 Medium Voltage Quick-Connection System</p>	<ul style="list-style-type: none"> • IP67 Rated • IP68 Rated 	<ul style="list-style-type: none"> • DIN EN 60529 • Rated up to 6,600 Volts
 <p>Pfisterer MV-CONNEX</p>	<ul style="list-style-type: none"> • EN 50180, 50181 • DIN 47637 	<ul style="list-style-type: none"> • Suitable for applications up to 36,000 volts


HEAVY-DUTY LOCKING CONNECTORS

The most advanced line of connectors available according to MIL-C-5015 and VG95234. The HDLC connector series was developed specifically to meet the demands of industrial environments. The HDLC series shares the same shell dimensions, contact layouts, and electrical performance characteristics as the common MIL-C-5015 connectors with application engineered features such as three-quarter reverse bayonet coupling system, rubber covered coupling ring, black zinc shell plating, and a superior sealing and strain relief system.

PRODUCT NAME	RATINGS	
 <p>Molded Locking Assemblies “PA22”</p>	<ul style="list-style-type: none"> • IP67 Rated, DIN 40 050 Rated • VG 95 234 NATO Specification • Number of Circuits: 1 to 65 	<ul style="list-style-type: none"> • Contact Type: Hard Silver, Gold Crimp or Solder


MOLDED MILITARY CONNECTORS

This connector style has been in use by the military for more than 50 years with a proven track record. TPC Wire & Cable Corp. has taken the standard MIL-C-5015 design and developed a new back shell that incorporates a sealing grommet and strain relief for added cable life. The shell design incorporates a low profile design and a reduced overall length for close quarter installations.

PRODUCT NAME	RATINGS	
 <p>Molded Military Connectors</p>	<ul style="list-style-type: none"> • MIL-C-5015 • VG 95 234 NATO Specification 	<ul style="list-style-type: none"> • Operating Temp Range -55°C to 125°C

RECTANGULAR CONNECTORS

Rectangular connectors are built to handle the harshest environments. To ensure out-of-the-box reliability, all of our cord sets are tested for continuity and configuration. To reduce costs of rectangular connectors, custom lengths are available, which eliminates excessive cable on the application. Lastly, engineering support is available for those non-standard applications requiring special wiring and design.

PRODUCT NAME	RATINGS	
 <p>Rectangular Connectors</p>	<ul style="list-style-type: none"> • Cord Sets are made with Super-Trex® and Trex-Onics® cables designed for industrial applications where flexing, abrasion, impact and oil can cause failure. 	



TPC WIRE & CABLE CORP.
EXPECT HIGH PERFORMANCE®

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