

QUICK-CONNEX™

Cord Sets & Custom Cable Assemblies that make replacement of electrical and electronic control devices quick and simple.



TPC WIRE & CABLE






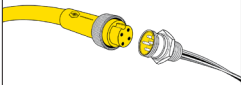
QUICK-CONNEX™

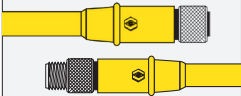
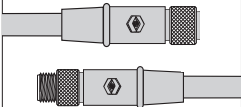

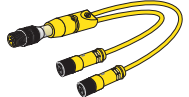
A line of Cord Sets, receptacles, and custom cable assemblies that make replacement of motor leads and sensor cables in your plant quick and simple. Molded connectors offer a dust-tight seal; these cord sets can protect against harsh environments and contaminants like water and oil. Compared to field installable options, the molded head offers better strain relief to withstand abuse caused by continuous flexing and pulling making it the ideal solution for keeping your applications running smooth longer. Off the shelf and ready to install, offers easy installation and the 90° options are ideal for difficult and tight spaces. Choose from various lengths, styles and jacket materials specific to your application creating the exact solution for any problem area.

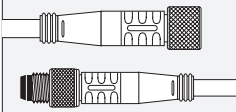
Using TPC's molded cord sets or custom assemblies in the correct applications can increase productivity and reduce downtime. Cord sets include Mini, M23, M12, M8, Industrial Ethernet, molded and mechanical military, rectangular, heavy-duty locking connectors, and NEMA rated straight blade and twist lock wiring devices sets that are tested and rated to perform.

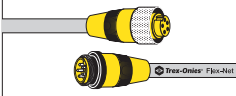
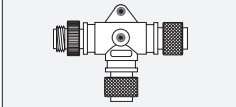
AVAILABLE SOLUTIONS:




- Mini Quick-Connex™ Assemblies & Accessories
- Micro Quick-Connex™ Assemblies & Accessories
- Nano Quick-Connex™ Assemblies & Accessories
- Trex-Onics® Devicenet™ Quick-Connex™ Assemblies & Accessories
- Industrial Ethernet Cord Sets
- Specialty Mini & Micro Quick-Connex™
- Molded Assemblies for Welding & Temporary Power
- Type SH Conductor Power Assemblies
- Heavy-Duty Locking Connectors
- Molded Military Connectors
- Molded & Mechanical M23 Connector Assembly
- Rectangular Connectors
- Extension Cords











MINI QUICK-CONNEX™ ASSEMBLIES & ACCESSORIES		
PRODUCT NAME		RATINGS
	Mini Quick-Connex™ Cord Sets & Receptacles	<ul style="list-style-type: none"> • UL recognized • cUL • 600 V • Available in 2-12 pole straight and 90° styles
	Quick-Lock Lock-Out Device	<ul style="list-style-type: none"> • UL Listed for Class I, Div. 2 hazardous locations • For use as a safety lock-out device • Compatible with Master Lock
	Field Installable Mini Quick-Connex™	<ul style="list-style-type: none"> • UL Listed • IP67 rated • RoHS compliant
	D Size Mini Quick-Connex™ Cord Sets and Receptacles	<ul style="list-style-type: none"> • 14, 12, and 10 AWG • 3 AND 4 Pole • IP68, IP69 rated • 600 V










MICRO QUICK-CONNEX™ ASSEMBLIES & ACCESSORIES		
PRODUCT NAME		RATINGS
	Super-Trex® SJ00 AC+DC Micro Quick-Connex™ Cord Sets & Receptacles	<ul style="list-style-type: none"> • Type SJ00 • RoHS compliant • IP69 rated • 300 V • Straight and 90° configurations
	Trex-Onics® AC+DC Micro Quick-Connex™ Cord Sets & Receptacles	<ul style="list-style-type: none"> • Max conductor temp. 80°C • IP69 rated • 300 V • Extreme all-weather flexibility • Straight and 90° configurations
	Field Installable AC & DC Micro Quick-Connex™	<ul style="list-style-type: none"> • IP67 Rated • RoHS compliant
	Super-Trex® & Trex-Onics® Y-Splitters	<ul style="list-style-type: none"> • IP68 rated (Super-Trex® only) • RoHS compliant • 300 V







NANO QUICK-CONNEX™ ASSEMBLIES & ACCESSORIES		
PRODUCT NAME		RATINGS
	24 AWG Nano M8 Cord Sets and Receptacles	<ul style="list-style-type: none"> • UL Listed • CSA • IP69 rated • RoHS compliant • Operating Temp. Range -30°C to 90°C • 300 volt rated & 4 Amp rated • Threaded Coupling design • Nickel plated brass coupling nut • Gold plated copper alloy pins • 1 to 6 meter Std. lengths • Receptacles: O-Ring & locknut included.


TREX-ONICS® DEVICENET™ QUICK-CONNEX™ ASSEMBLIES & ACCESSORIES		
PRODUCT NAME		RATINGS
	Trex-Onics® Flex-Net™ Assemblies for Device-Net™ Applications	<ul style="list-style-type: none"> • Mini and Micro Assemblies, male and female both straight & 90° styles • ODVA Conformity • Designed for use with High Performance Thin and Thick DeviceNet™ cables • RoHS Compliant
	Trex-Onics® Device-Net™ Quick-Connex™ Wiring System Accessories	<ul style="list-style-type: none"> • UL Listed • CSA • RoHS compliant • ODVA conformity • Oil and shock resistant • Available in both Mini & Mini to Micro configurations




INDUSTRIAL ETHERNET CORD SETS		
PRODUCT NAME		RATINGS
	4 Pin Male & Female M12 D-Coded Micros	<ul style="list-style-type: none"> • Contacts: Copper alloy, gold over nickel plating • Yellow polyurethane molded head • Silicone Interface sealing O-Ring • Nickel plated brass coupling nut • IP67 • Voltage: 300V • Operating Temp: 80°C • RoHS compliant • REACH compliant
	8 Pin Male & Female M12 DC Micros	<ul style="list-style-type: none"> • Contacts: Copper alloy, gold over nickel plating • Yellow polyurethane molded head • Silicone Interface Sealing O-Ring • Nickel plated brass coupling nut • IP67 • Voltage: 300V • Operating Temp: 80°C • RoHS compliant • REACH compliant
	RJ45 Assemblies	<ul style="list-style-type: none"> • 8 conductor shielded RJ45 connector with integral "C Crimp" for increased shield effectiveness, added cable stress relief and strength for high speed applications • Meets ANSI / TIA / EIA 568.2 -D • Operating Temp: -40°C to 85°C • Contact Material: phosphor bronze with gold plating • RoHS compliant • Polycarbonate Insert with black PVC boot • Plug Tolerances & Dimensions: Meets TIA-1096 specifications (formerly FCC Part 68) • Insertion / Extraction Life: 1,000 minimum cycles • Contact Resistance: 10 Milli-Ohms maximum • Current Voltage: 30 VAC/42 VDC at 1.5 amps


SPECIALTY MINI & MICRO QUICK-CONNEX™		
PRODUCT NAME	RATINGS	
	Mini & Micro Retractable Quick-Connex™	<ul style="list-style-type: none"> • 16 AWG Mini – 600 V • 18 AWG AC/DC Micro – 300 V • Max Conductor Temp. 90°C
	Oval Quick-Connex™ Power Assemblies	<ul style="list-style-type: none"> • Type W cable • 2 AWG and 6 AWG assemblies • 600 V • Superior defense against cutting, tearing, abrasion and impact
	Mini Thermo-Trex® 500-Plus Quick-Connex™	<ul style="list-style-type: none"> • 12 AWG & 16 AWG Mini Cord Sets • Resists corrosion & chemicals • Provides quick & secure assembly • IP68 rated
	M12 DC Micro Chem-Guard® Quick-Connex™	<ul style="list-style-type: none"> • High heat & chemical resistant • Conductor Max Temperature 90°C, Cable 200°C • 300 V
	M12 DC Micro Stainless Steel Chem-Gard® Quick-Connex™	<ul style="list-style-type: none"> • High heat & chemical resistant • Male/Female configurations
	High Temperature M12 DC Micro Thermo-Trex 600® Plus Quick-Connex™	<ul style="list-style-type: none"> • High heat & chemical resistant • Male/Female configurations
	High Temperature M12 DC Micro Thermo-Trex 600® Plus Quick-Connex™	<ul style="list-style-type: none"> • Operating Temp. Range -25°C to 85°C (connector) • Operating Temp. Range -60°C to 200°C (cable)
	High Temperature M12 DC Micro Thermo-Trex 600® Plus Quick-Connex™	<ul style="list-style-type: none"> • 600 V • Operating Temperature up to 180°C • RoHS compliant
	High Temperature M12 DC Micro Thermo-Trex 600® Plus Quick-Connex™	<ul style="list-style-type: none"> • Meets IP68 requirements • Fully bonded head to seal against moisture & dust • RoHS compliant
	High Temperature M12 DC Micro Thermo-Trex 600® Plus Quick-Connex™	<ul style="list-style-type: none"> • High Temperature M12 DC Micro connectors are rated to 200C operating temperature • Made with Thermo-Trex® 600-plus 200C Silicone Cable • Provides quick & secure assembly in critical applications and resists corrosion & chemicals



MOLDED ASSEMBLIES FOR WELDING & TEMPORARY POWER		
PRODUCT NAME	RATINGS	
	Molded Locking Connector "PA22"	<ul style="list-style-type: none"> • Fully molded design • 4/0 to 500 MCM • IP68 & IP69K rated
	Taper-Nose Molded Locking Assembly "PA16"	<ul style="list-style-type: none"> • Fully molded design • 2 AWG through 4/0
	Ball-Nose Molded Locking Assembly "PA18"	<ul style="list-style-type: none"> • Fully molded design • 2 AWG through 4/0
	Molded Locking Connector "PA22"	<ul style="list-style-type: none"> • Pull tested to 2,000 lbs • Mates with E1022
	Taper-Nose Molded Locking Assembly "PA16"	<ul style="list-style-type: none"> • Mates with any E1016 • IP68 & IP69K rated
	Ball-Nose Molded Locking Assembly "PA18"	<ul style="list-style-type: none"> • Mates with any E1018 • IP68 & IP69 rated
	Molded Locking Connector "PA22"	<ul style="list-style-type: none"> • 600V • 690A
	Taper-Nose Molded Locking Assembly "PA16"	<ul style="list-style-type: none"> • 600V • 400A
	Ball-Nose Molded Locking Assembly "PA18"	<ul style="list-style-type: none"> • 600V • 400A


TYPE SH CONDUCTOR POWER ASSEMBLIES		
PRODUCT NAME	RATINGS	
	Load Break Power Assembly	<ul style="list-style-type: none"> • Up to 35 kV • With or without shield kits
	Dead Break Power Assembly	<ul style="list-style-type: none"> • Up to 35 kV • With or without shield kits
	Raychem Termination Assembly	<ul style="list-style-type: none"> • 5 kV to 35 kV • IEEE-48 Class 1
	Load Break Power Assembly	<ul style="list-style-type: none"> • Cooper, Elastimold, Richards, etc.
	Dead Break Power Assembly	<ul style="list-style-type: none"> • Cooper, Elastimold, Richards, etc.
	Raychem Termination Assembly	<ul style="list-style-type: none"> • Built in stress control • HVT-Z High Voltage terminations • 1, 2, 4 hole lugs or stalk connectors

MOLDED MILITARY CONNECTORS	
PRODUCT NAME	RATINGS
 <p>Molded Military Connectors</p>	<ul style="list-style-type: none"> • IP68 & IP69K rated • Operating Temperature Range -55°C to 125°C • Mating Life: 2,000 cycles minimum • Number of contacts: 1 to 65 with over 180 contact layouts available <ul style="list-style-type: none"> • Wire range sizes: 20 AWG to 0 AWG • Current rating: Up to 150 Amps

MOLDED & MECHANICAL M23 CONNECTOR ASSEMBLY	
PRODUCT NAME	RATINGS
 <p>Signal M23 Connector Assembly</p>	<ul style="list-style-type: none"> • IP67 & IP69K rated • Operating Temperature Range -40°C to 125°C • Mating Life: 1,000 cycles minimum <ul style="list-style-type: none"> • Number of contacts: 6 to 19 • Wire range sizes: 28 AWG to 16 AWG
 <p>Power M23 Connector Assembly</p>	<ul style="list-style-type: none"> • IP67 & IP69K rated • Operating Temperature Range -40°C to 125°C • Mating Life: 1,000 cycles minimum <ul style="list-style-type: none"> • Number of contacts: 6 to 9 • Wire range sizes: 18 AWG to 12 AWG
 <p>Hybrid Twist-Lock M23 Connector Assembly</p>	<ul style="list-style-type: none"> • IP67 & IP69K rated • Operating Temperature Range -40°C to 125°C • Mating Life: 1,000 cycles minimum <ul style="list-style-type: none"> • Number of contacts: 12 • Wire Range sizes: 24 AWG to 12 AWG

RECTANGULAR CONNECTORS	
PRODUCT NAME	RATINGS
 <p>Rectangular Connectors</p>	<ul style="list-style-type: none"> • IP66 rated • Operating Temperature Range -40°C to 125°C <ul style="list-style-type: none"> • Number of contacts: 3 to 64 • Wire range sizes: 26 AWG to 8 AWG

EXTENSION CORDS	
PRODUCT NAME	RATINGS
 <p>Molded Straight Blade</p>	<ul style="list-style-type: none"> • Current rating: 15, 20 Amps • Voltage rating: 125-250 Volts • Wire range sizes: 16 AWG to 10 AWG <ul style="list-style-type: none"> • GFCI & LED indicator light available
 <p>Over Molded Twist Lock</p>	<ul style="list-style-type: none"> • Current rating: 15, 20, 30 Amps • Voltage rating: 125-480 Volts • Wire range sizes: 16 AWG to 8 AWG <ul style="list-style-type: none"> • GFCI & LED Indicator Light available

HEAVY-DUTY LOCKING CONNECTORS	
PRODUCT NAME	RATINGS
 <p>Heavy-Duty Locking Connector</p>	<ul style="list-style-type: none"> • IP67 rated • Operating Temperature Range -55°C to 125°C • Mating Life: 2,000 cycles minimum • Number of contacts: 1 to 65 <ul style="list-style-type: none"> • Wire range sizes: 16 AWG to 0 AWG • Current rating: Up to 245 Amps

