

## M8 Nano Cordsets

## Quick-Connex® M8 Nano Field Installable Connectors

Quick-Connex® M8 Nano Field Installable mechanical connectors can be paired with Trex-Onics® 24AWG cable to make 'do-it-yourself' cordsets. IP67 rated to provide a liquid-tight seal to protect the connection from dust and water contamination. Ideal for a quick on-site repair.



## Ratings



30V

3 Amps

IP67 Rated

## Performance Characteristics

✓ Operating Temperature: -40° to 85°C

✓ Fits Trex-Onics® Nano 24AWG cable

## Features &amp; Benefits

## Cordsets can be made with Trex-Onics® 24AWG Cables, Rated 80°C

Superior first-line defense against tearing, abrasion, impact, oil, ozone and most chemicals. Extreme all-weather flexibility.

## Polyamide Connector Body, PVC Insert &amp; Rubber Sealing Bushing

Impact and crush resistant with an IP67 rating to provide internal protection from dust and fluid spray.

## Copper Alloy Pins are Gold Plated

Provides long life, resist corrosion, easy positive engagement.

## Screw Locking System

Secure connection using only a screwdriver. Nylon pressing screw threads into body sleeve and compresses pinch ring and seal to grip cable to prevent conductors from pulling out of connector.

## Nickel-Plated Brass Coupling Nut

Resists corrosion and gives quick, secure assembly.

## Coupling Nuts are M8 x 1

Industry standard for M8 Nano connectors.

## Ordering Information

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

Style	Part No.	No. of Contacts	Voltage	Max Amps	Cable O.D. Range (in.)
Female Straight	30811	3	30V	3	.118" to .197"
Female Straight	30813	4	30V	3	.118" to .197"
Male Straight	30810	3	30V	3	.118" to .197"
Male Straight	30812	4	30V	3	.118" to .197"





Male Receptacle

M8 Nano Cordsets

# Quick-Connex® M8 Nano Receptacles

Quick-Connex® 24AWG M8 Nano Receptacles are available in both female and male panel mounted style. Female receptacles have 4-foot pigtails and male receptacles have 1-foot pigtails. An O-Ring and locknut included.

**Ratings**



300V

Max Conductor Temperature 90°C

IP69K Rated

**Performance Characteristics**

- ✓ Operating Temperature: -20° to 90°C
- ✓ UV Resistant
- ✓ Oil Resistant

**Features & Benefits**

**Specially Compounded Thermoplastic Elastomer Receptacle Insert**

Provides long flex-life, resists deterioration due to heat and oil exposure.

**Hard Coated Metal Alloy Receptacle Shell**

Resists corrosion and provides quick and secure assembly.

**Molded and Keyed Assembly**

Provides rapid and secure connection and disconnect. Ensures a water, oil, and dust tight seal.

**Nickel-Coated and Gold-Plated Solid Brass Contact Pins Machined Crimped to Conductors**

Provides long life, resists corrosion, easy positive engagement. Ensures electrical integrity DC applications.

**Rubber Sealing O-Ring and Steel Locknut**

Seals out oil, chemicals, and other contaminants. Locknut included with each unit.

**24 AWG Stranded, Tinned Copper Pigtailed Insulated with 105°C Cross-Linked Polyethylene**

Provides excellent oil and heat resistance.

**Mating Dimensions: M8 x 1.0 Thread**

Industry standard for M8 Nano Receptacles.

**Ordering Information**

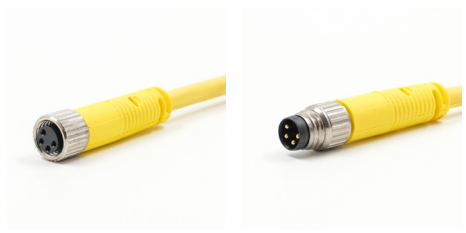
For complete product ordering information, please scan the QR Code or contact your ATPC sales representative

	3 POLE	4 POLE
Female Face View		
Color Code	1 - BROWN 3 - BLUE 4 - BLACK	1 - BROWN 2 - WHITE 3 - BLUE 4 - BLACK
Ampacity	4A	4A

Style	3 POLE	4 POLE	Pigtail Length Feet	Pigtail Length Meters
Female Straight Receptacles	RC13CPTF004	RC14CPTF004	4	1.22
Male Straight Receptacles	RC13APTF001	RC14APTF001	1	0.3



Female Receptacle



Female Cordset

Male Cordset

M8 Nano Cordsets

# Quick-Connex® M8 Nano Cordsets

Quick-Connex® M8 Nano cordsets make the replacement of electrical and electronic control devices quick and simple. Cordsets are made with Trex-Onics® 24 AWG cable designed for high cycle, constant motion applications and provides excellent defense against impact, cutting, abrasion, oil and chemicals. M8 Nano Cordsets are molded and keyed, provide rapid and secure connect and disconnect and ensures a water, oil, and dust-tight seal.

**Ratings** 300V Max Conductor Temperature 90°C IP69K Rated

**Performance Characteristics**

- ✓ Operating Temperature: -20° to 90°C
- ✓ UV Resistant
- ✓ Oil Resistant
- ✓ Bend Radius of Trex-Onics® M8 Nano Cable: (Static) 6x Cable OD, (Dynamic) 8x Cable OD

**Engineered to Resist**

- Flexing
- Abrasion
- Chemicals

**Features & Benefits**

<p><b>Cordsets made with Trex-Onics® 24 AWG Nano Cable, Rated to 90°C</b></p> <p>Designed for high cycle, constant motion applications. Provides excellent defense against impact, cutting, abrasion, oil and chemicals.</p>	<p><b>Connector Body is Specially Compounded, Thermoplastic Elastomer</b></p> <p>Provides long life, resists heat and oil deterioration.</p>	<p><b>Molded and Keyed Assembly</b></p> <p>Provides rapid and secure connection and disconnect. Ensures a water, oil, and dust tight seal.</p>	<p><b>Copper Alloy Contact Pins are Nickel Coated and Gold Plated, Machine Crimped to Conductors</b></p> <p>Provides long life, resists corrosion, easy positive engagement. Ensures electrical integrity in low voltage applications.</p>
<p><b>Nickel Plated Brass Coupling Nut</b></p> <p>Resists corrosion, provides quick and secure assembly.</p>	<p><b>Specially Compounded Rubber Insert</b></p> <p>Provides a superior seal against fluid and dust penetration.</p>	<p><b>Coupling Nut M8 x 1.0 Thread</b></p> <p>Industry Standard for M8 Connectors</p>	

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	<p><b>3 POLE</b></p>	<p><b>4 POLE</b></p>
Female Face View		
Color Code	<p>1 - BROWN 3 - BLUE 4 - BLACK</p>	<p>1 - BROWN 2 - WHITE 3 - BLUE 4 - BLACK</p>
Ampacity	4A	4A



90° Cordset

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## Quick-Connex® M8 Nano Cordsets

Style	3 POLE	4 POLE	Cordset Length Feet	Cordset Length Meters
Female Straight Cordsets	CA13C33M002	CA14C34M002	6.56	2
	CA13C33M004	CA14C34M004	13.12	4
	CA13C33M006	CA14C34M006	19.68	6
Female 90° Cordsets	CA13D33M002	CA14D34M002	6.56	2
	CA13D33M004	CA14D34M004	13.12	4
	CA13D33M006	CA14D34M006	19.68	6
Male Straight Cordsets	CA13A33M002	CA14A34M002	6.56	2
	CA13A33M004	CA14A34M004	13.12	4
	CA13A33M006	CA14A34M006	19.68	6
Male/Female Straight Cordsets	CA23E33M002	CA24E34M002	6.56	2
	CA23E33M004	CA24E34M004	13.12	4
	CA23E33M006	CA24E34M006	19.68	6
Male Straight/ Female 90° Cordsets	CA23F33M002	CA24F34M002	6.56	2
	CA23F33M004	CA24F34M004	13.12	4
	CA23F33M006	CA24F34M006	19.68	6