

3-Prong Standard Heavy Duty Connectors

Glass-Filled Nylon Color-Coded with Shield Connection Pin, Rated from -29 to 220°C (-20 to 425°F)

OTP Series Basic Pair



The type OTP 3-prong color-coded, quick disconnect plugs and jacks provide reliable connections between thermocouples and extension wires. The color-coded bodies are molded of high performance glass-reinforced nylon. Tubular plug prongs and collet-type jack inserts have low mass and reduce temperature gradients. Negative prongs and inserts are larger than positives to insure proper polarity upon connection. This is a standard feature on all connectors. Recommended for most applications requiring three-wire circuits, including shielded thermocouples, thermistors, and RTD's. Will withstand ambient temperatures to 220°C (425°F). High-impact construction.

OTP-T-M Male (plug)

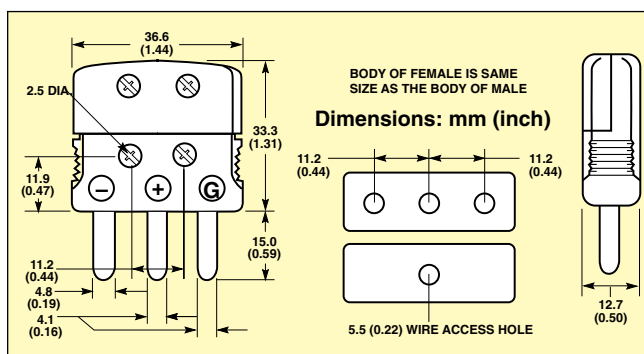
Both shown slightly larger than actual size.



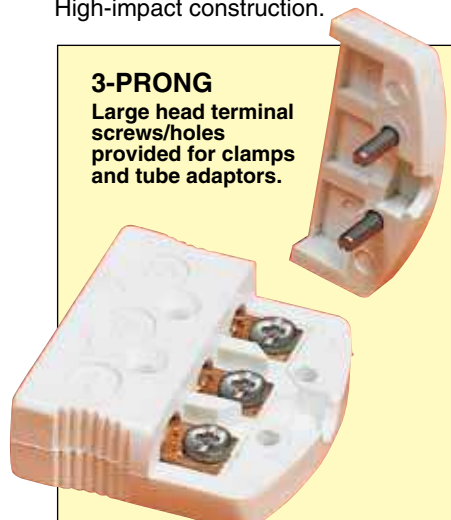
OTP-T-F female (jack) shown with optional PCLM cable clamp. See page G-24.

Discount Schedule	
1-10	Net
11-49	5%
50-99	10%
100-999	15%
1000-4999	20%
5000 and over	25%

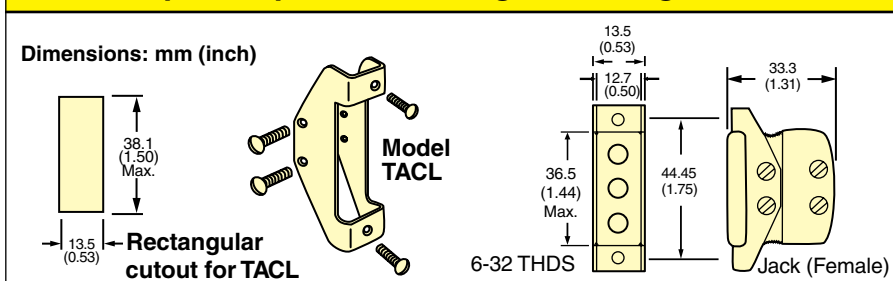
We make running changes when technical advances allow. Check at time of ordering for additional features.



3-PRONG
Large head terminal screws/holes provided for clamps and tube adaptors.



Panel Adaptor Clips for Mounting 3-Pin Plugs and Sockets



To Order Visit newportUS.com/otp for Pricing and Details

Alloy Code†	Type of Thermocouple Used With Connector	Compensating Alloy Used in Connector		Shell Color	Model Number
		+	-		
K	CHROMEALLOY®-ALOMEALLOY®	CHROMEALLOY®	ALOMEALLOY®	Yellow	OTP-K-*
T	Copper-Constantan	Copper	Constantan	Blue	OTP-T-*
J	Iron-Constantan	Iron	Constantan	Black	OTP-J-*
E	CHROMEALLOY®-Constantan	CHROMEALLOY®	Constantan	Purple	OTP-E-*
U	Uncompensated	Copper	Copper	White	OTP-U-*
N	OMEGALLOY®	OMEGA-P®	OMEGA-N®	Orange	OTP-N-*

OMEGALLOY® is generically known as Nicrosil-Nisil.

* To order, specify "MF" for connector pair, "M" for male connector only, or "F" for female connector only.

† J, K, T, and E are ANSI designations.

Note: Type U (uncompensated) connectors are used with Type B thermocouples (Platinum/6% Rhodium-Platinum 30%Rhodium)

Ordering Examples: OTP-U-M, uncompensated, 3-prong, heavy duty male connector.

OTP-K-MF, CHROMEALLOY®-ALOMEALLOY®, 3-prong, heavy duty connector pair.