

3-Prong Standard Heavy Duty Connectors

OTP Series

- ▶ Supplied with Shielded Wire Copper Connection Pin
- ▶ High-Impact Construction
- ▶ Color-Coded for ANSI or IEC
- ▶ Accepts Stranded or Solid Wire up to Size 14 AWG
- ▶ Combination Phillips/ Slot Screws
- ▶ Recommended for Most Applications Requiring 3-Wire Circuits, Including Shielded Thermocouples, Thermistors, and RTDs
- ▶ Glass-Filled Nylon, Rated from -29 to 180°C (-20 to 356°F)

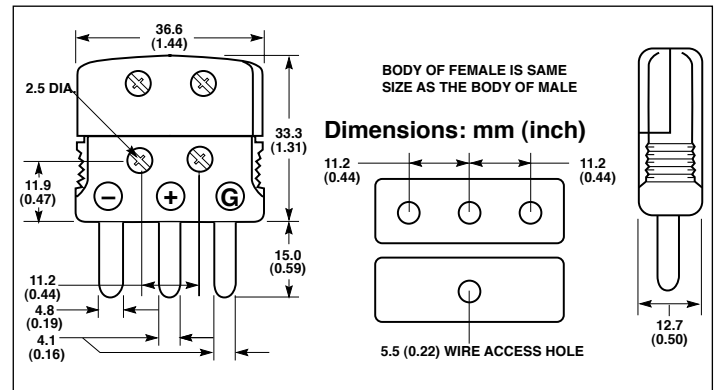
Note: Minor discoloration of connector may occur between 150°C (302°F) and 180°C (356°F). Electrical properties are not affected.

OTP-T-M Male (plug)

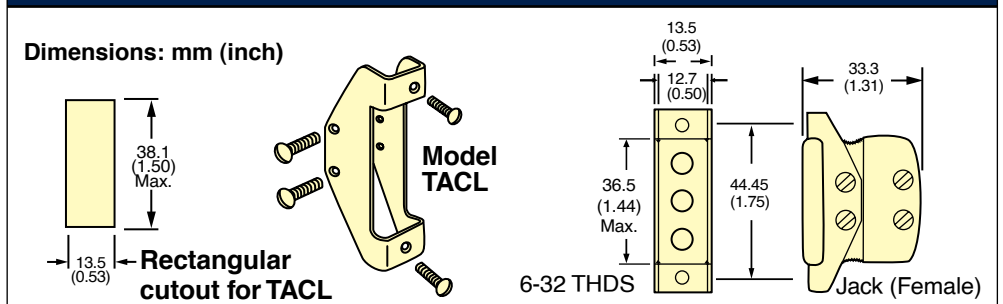


Both shown slightly larger than actual size.

OTP-T-F female (jack) shown with optional PCLM cable clamp.



Panel Adaptor Clips for Mounting 3-Pin Plugs and Sockets



To Order

Alloy Code†	Type of Thermocouple Used With Connector	Compensating Alloy Used in Connector		Shell Color	Model Number
		+	-		
K	CHROMEALLOY®-ALOMEGA®	CHROMEALLOY®	ALOMEGA®	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 "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 Example: OTP-U-M, uncompensated, 3-prong, heavy duty male connector.