

3-Pin Standard Heavy Duty Connectors

Glass-Filled Nylon Colour-Coded with Screen Connection Pin, Rated from -29 to 220°C

OTP Series
£6
 Basic Pair

The type OTP 3-pin colour-coded, quick disconnect plugs and sockets provide reliable connections between thermocouples and extension wires. The colour-coded bodies are moulded of high performance glass-reinforced nylon. Tubular plug pins and collet-type socket inserts have low mass and reduce temperature gradients. Negative pins and inserts are larger than positives to ensure proper polarity upon connection. This is a standard feature on all OMEGA™ connectors. Recommended for most applications requiring three-wire circuits, including screened thermocouples, thermistors, and RTD's. Will withstand ambient temperatures to 220°C. High-impact construction.

OTP-TI-M
 Male (plug),
 £2.30

Both shown slightly larger than actual size



OTP-TI-F female (socket), £3.70

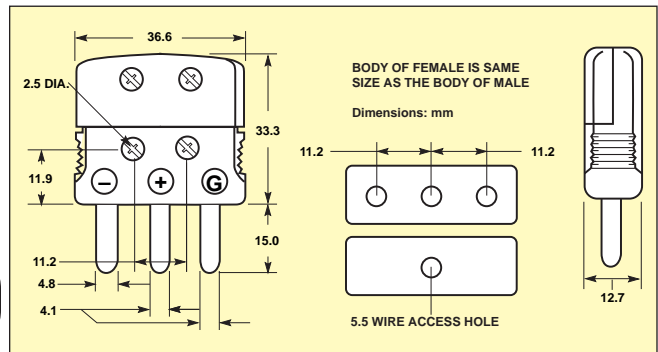
PATENTED

Covered by U.S. and International patents and pending applications.

Quantity Discounts

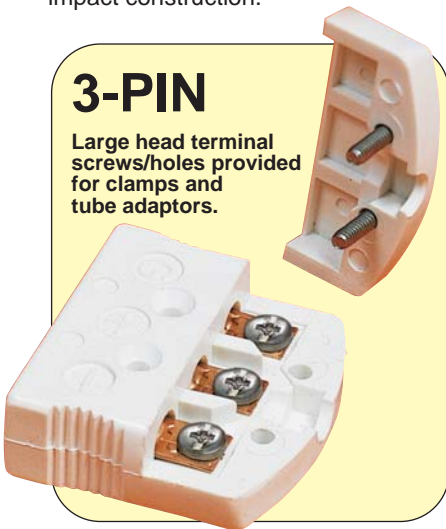
1-10	.....	Net
11-24	.....	10%
25-49	.....	15%
50-99	.....	20%
100 and up	.....	Consult Sales

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



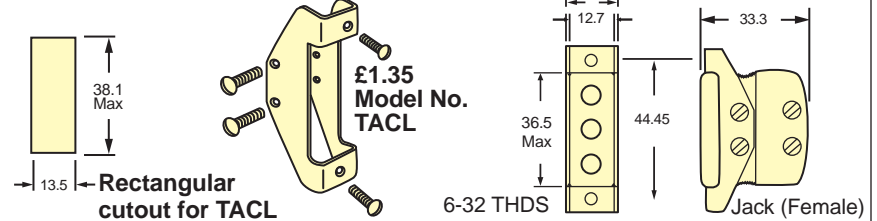
3-PIN

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



Panel Adaptor Clips for Mounting 3-Pin Plugs and Sockets

Dimensions: mm



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Alloy Code†	Type of Thermocouple Used With Connector	Compensating Alloy Used in Connector		Shell Colour	Model Number	Price		
		+	-			Pair (MF)	Female (F)	Male (M)
K	CHROMEGLA™-ALOMEGA™	CHROMEGLA™	ALOMEGA™	Green	OTP-KI-(*)	£6.00	£3.70	£2.30
T	Copper-Constantan	Copper	Constantan	Brown	OTP-TI-(*)	6.00	3.70	2.30
J	Iron-Constantan	Iron	Constantan	Black	OTP-J-(*)	6.00	3.70	2.30
E	CHROMEGLA™-Constantan	CHROMEGLA™	Constantan	Purple	OTP-E-(*)	6.00	3.70	2.30
U	Uncompensated	Copper	Copper	White	OTP-U-(*)	6.00	3.70	2.30
N	OMEGALLOY™	OMEGA-P™	OMEGA-N™	Pink	OTP-NI-(*)	6.00	3.70	2.30

OMEGALLOY™ is generically known as Nicrosil-Nisil.

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

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

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

Ordering Examples: OTP-U-M, uncompensated, 3-pin, heavy duty male connector, £2.30.

OTP-KI-MF, CHROMEGLA™-ALOMEGA™, 3-pin, heavy duty connector pair, £6.00.



UNITED STATES

www.omega.com

1-800-TC-OMEGA

Stamford, CT.

CANADA

www.omega.ca

Laval(Quebec)

1-800-TC-OMEGA

GERMANY

www.omega.de

Deckenpfronn, Germany

0800-8266342

UNITED KINGDOM

www.omega.co.uk

Manchester, England

0800-488-488

FRANCE

www.omega.fr

088-466-342

CZECH REPUBLIC

www.omegaeng.cz

Karviná, Czech Republic

596-311-899

BENELUX

www.omega.nl

0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters