

ACCESSORIES

Miniature Connectors for RTDs and Thermistors

T Series

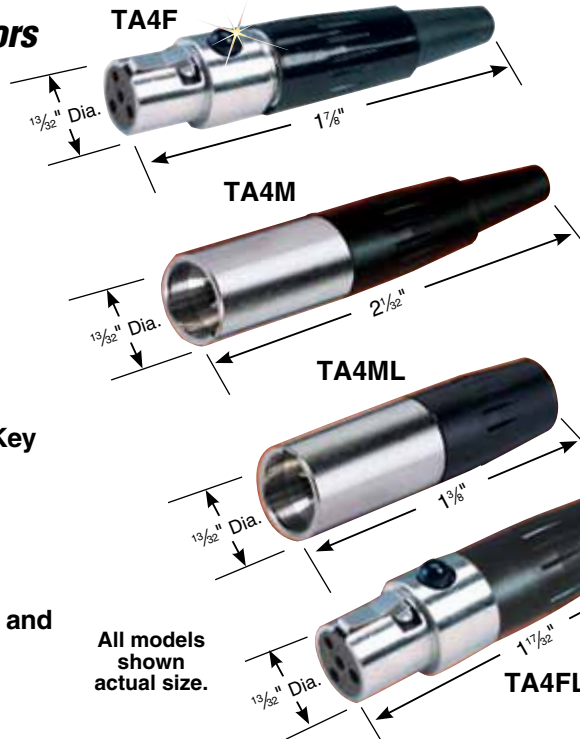


- Latch Lock Mechanism
- Polarized by Mechanical Key
- 3- and 4-Pin Models
- Three and Four Wire RTD Applications
- Well Suited for Most Instrumentation Uses
- Both Internal Strain Relief and External Flexure Relief*

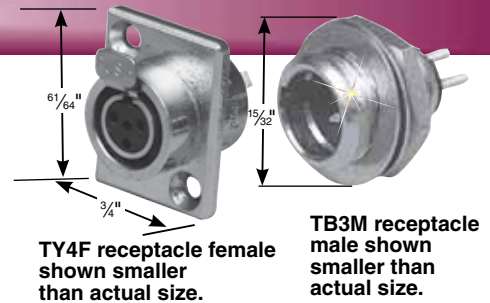
The OMEGA® "T" Series miniature instrumentation connectors are particularly well suited for both 3- and 4-wire RTD sensors as well as other types of instrumentation where copper-type lead wire is used. OMEGA "T" connectors are not recommended for use with thermocouples which require connectors with special compensating alloys in their construction.

The "T" Series connector family includes both male (TA3M or TA4M) and female (TA3F or TA4F) cord plugs, as well as panel/bulkhead receptacles, male (TB3M or TB4M), and female (TY3F or TY4F). Items are available in both 3- or 4-pin contact construction as identified by the "3" or "4" in the model number. A trim plate, model TYEF-02, is available for the female panel receptacle.

Both male and female cord plugs are offered in two styles: with flexure relief, which accepts up to 2.9 mm (0.114") cable diameter, or without flexure relief, which accepts up to 4.4 mm (0.173") cable diameter (add "L" suffix to model number when ordering). "L" style must be ordered when used with the OMEGA Retractable Sensor Cable (RSC). Connections are made on all styles by solder terminals.



All models shown actual size.



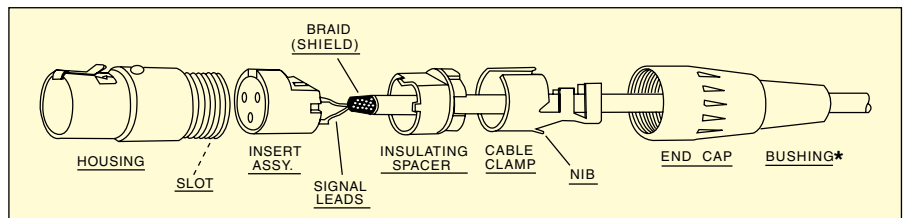
TY4F receptacle female shown smaller than actual size.

TB3M receptacle male shown smaller than actual size.



TA4F miniature connector.

TA4F shown with 450 Series handheld thermometer. See omega.com/450_handheld for details on 450 Series.



* Note: Double strain reliefs.

To Order Visit omega.com/ta3_ta4 for Pricing and Details

Item	Male/Female	Max Cable Dia. mm (inch)	No. Contact Pins	Model No.
Cord Plug	Male	2.9 (0.114)	3	TA3M*
		2.9 (0.114)	4	TA4M*
	Female	2.9 (0.114)	3	TA3F*
		2.9 (0.114)	4	TA4F*
Cord Plug	Male	4.4 (0.173)	3	TA3ML
		4.4 (0.173)	4	TA4ML
	Female	4.4 (0.173)	3	TA3FL
		4.4 (0.173)	4	TA4FL
Receptacle	Male	—	3	TB3M
		—	4	TB4M
	Female	—	3	TY3F
		—	4	TY4F
Trim Plate	—	—	—	TYEF-02

Note: Connectors can be added to most RTD or thermistor probe cables. Add "Connector Model (Instrument Model)" to the probe number for an additional cost to a 3-pin connector, or an additional cost to a 4-wire connector.

Ordering Examples: PR-11-2-100-1/4-6-E-TA3F (450APT), RTD sensor with TA3F connector wired for use with a 450-APT handheld meter (sold separately, see information above).

TA3M, 4-pin male connector with external flex relief, accepts cable diameters to 0.114".