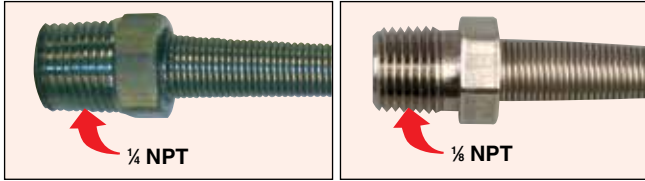
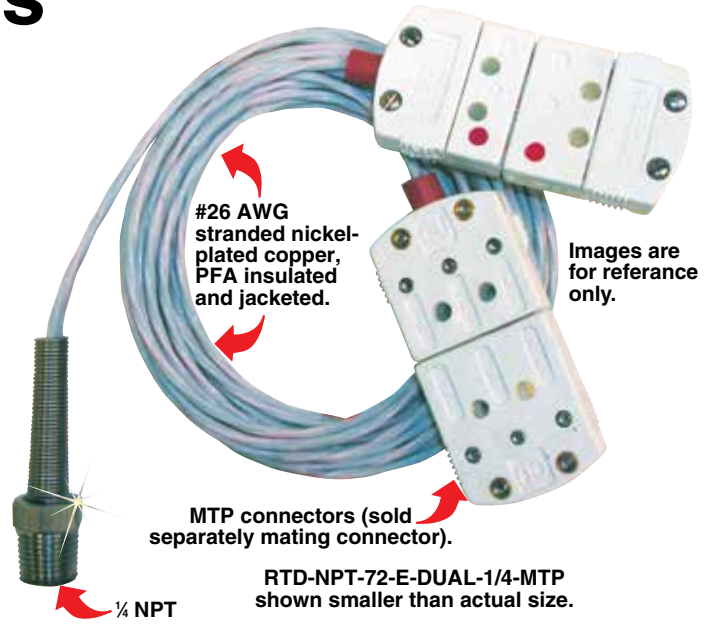


# Dual Element RTD Pipe Plug Sensors



## RTD-NPT Series

- Ideal for Use in Pressure Vessel Applications, 172 bar (2500 psi) Max
- PFA Insulated Lead Wires
- High-Accuracy, 100 Ω, Thin-Film Class "A" DIN Platinum Elements
- 3-Wire Construction for Connecting to Most Handheld Instruments



Model Number	Sensing Element	Cable	Thread Size	Max Temp
RTD-NPT-72-E-DUAL-1/4-MTP	100 Ω Class "A" DIN	72" L PFA insulated with MTP connectors	1/4 NPT	230°C (450°F)
RTD-NPT-72-E-DUAL-1/8-MTP	100 Ω Class "A" DIN	72" L PFA insulated with MTP connectors	1/8 NPT	230°C (450°F)
RTD-NPT-72-E-DUAL-1/8-MTP-HT	100 Ω Class "A" DIN	72" L fiberglass insulated with MTP connectors	1/8 NPT	480°C (896°F)
RTD-NPT-72-E-DUAL-1/4-MTP-HT-S	100 Ω Class "A" DIN	72" L SST braided fiberglass insulated with MTP connectors	1/4 NPT	480°C (896°F)

**Ordering Examples:** *RTD-NPT-72-E-DUAL-1/8-MTP*, dual 100 Ω Class "A" DIN Platinum thin-film elements, 3-wire connections, 1/8 NPT mounting thread, 72" long PFA insulated cables with male MTP connectors. *RTD-NPT-72-E-DUAL-1/8-MTP-HT*, dual 100 Ω Class "A" DIN Platinum thin-film elements, 3-wire connections, 1/8 NPT mounting thread, 72" long fiberglass insulated cables with MTP connectors.

**Options:** Sensors supplied with MTP connectors standard. For OTP connectors add "-OTP" to model number for an additional cost. For NO connectors remove "-MTP" from model number (leads will be stripped). For a 3-pin audio connector, add "-TA3F" to the model number for an additional cost.

**Popular Options Include:**

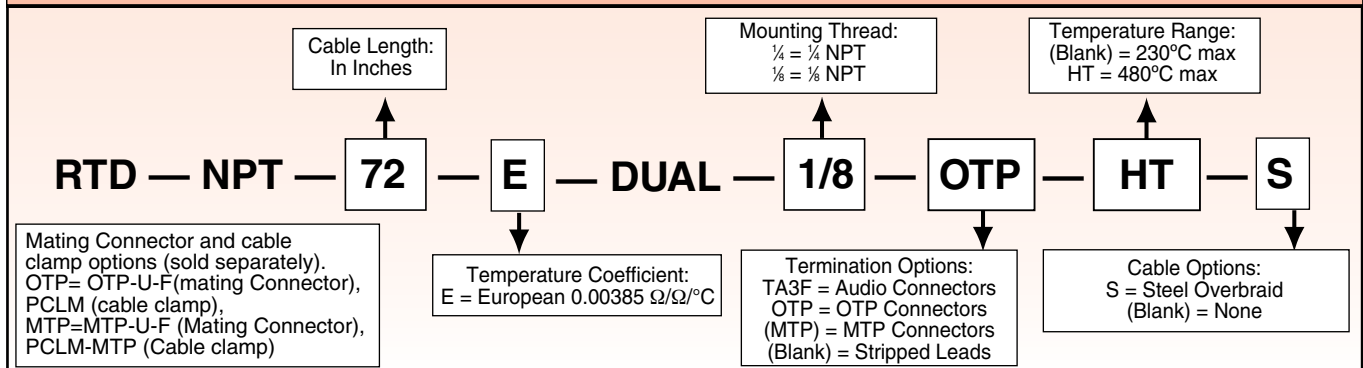
CN1A  
visit  
omega  
online

DP461-RTD meter  
visit omega online

iDRX/iDRN  
signal  
conditioner,  
visit omega  
online

DRF-RTD  
signal  
conditioner  
visit omega  
online

## How are OMEGA's Model Numbers Constructed?



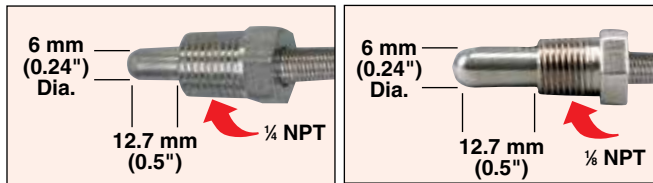
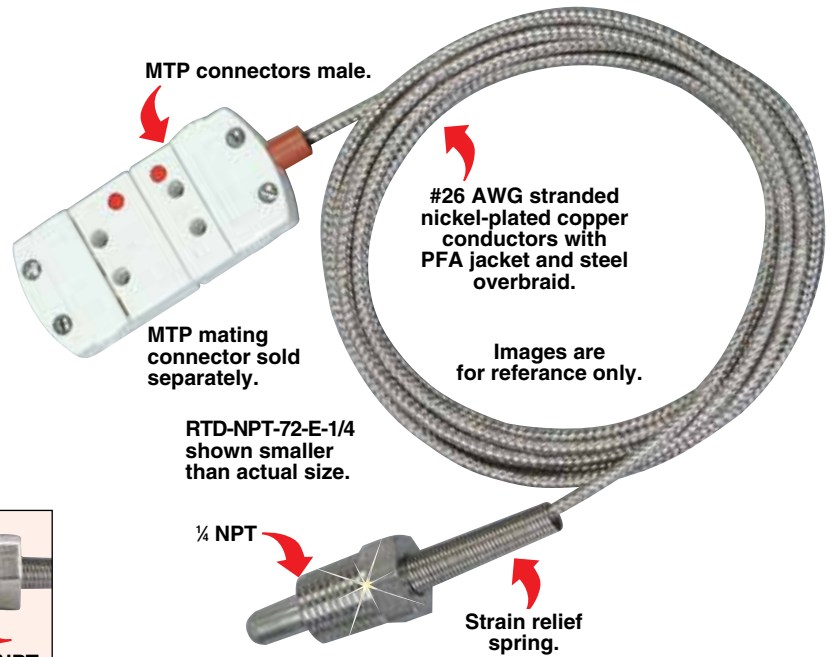
**Ordering Example:** *RTD-NPT-72-E-DUAL-OTP-HT-S*, two 100 Ω class "A" DIN, 72" fiberglass insulated, 1/4 NPT, 480°C (896°F), and OTP connector.

# Pipe Plug RTD Sensor



## RTD-NPT Series

- ✓ Ideal for Use in Pressure Vessel Applications, 172 bar (2500 psi) Max
- ✓ 6 mm (0.24") Diameter, SST Probe
- ✓ Steel Braided, PFA Insulated Lead Wires
- ✓ High-Accuracy, 100 Ω, Class "A" DIN Thin-Film Platinum Element (European Curve)
- ✓ 3-Wire Construction for Connecting to Most Handheld Instruments



### To Order

Model Number	Sensing Element	Cable	Thread Size	Max Temp
RTD-NPT-72-E-1/4	100 Ω Class "A" DIN	72" L PFA insulated (stripped leads)	1/4 NPT	230°C (450°F)
RTD-NPT-72-E-1/4-MTP	100 Ω Class "A" DIN	72" L PFA insulated	1/4 NPT	230°C (450°F)
RTD-NPT-72-E-1/8-MTP	100 Ω Class "A" DIN	72" L PFA insulated	1/8 NPT	230°C (450°F)
RTD-NPT-72-E-1/4-MTP-HT	100 Ω Class "A" DIN	72" L fiberglass insulated	1/4 NPT	480°C (896°F)
RTD-NPT-72-E-1/8-MTP-HT	100 Ω Class "A" DIN	72" L fiberglass insulated	1/8 NPT	480°C (896°F)

**Ordering Examples:** RTD-NPT-72-E-1/4-TA3F, 100 Ω Class "A" European curve, single element, with 1/4 NPT mounting thread, 72" long PFA insulated cable with audio connector. RTD-NPT-72-E-1/4-MTP-HT, 100 Ω Class "A" European curve, single element, with 1/4 NPT mounting thread, 72" long fiberglass insulated cable with steel overbraid. RTD-NPT-72-E-1/8-MTP-HT, Class "A" element, European curve, with 1/8 NPT mounting thread, 72" long fiberglass insulated cable with SST braid.

**Options Available:** Sensors supplied with MTP connectors, add "-OTP" to model number for an additional cost for each heavy-duty connector, add "-TA3F" to model number for an additional cost for each audio connector. For stripped leads (no connector) remove "-MTP" from model number.

### Popular Options Include:



CN3271-R1 high/low limit controller visit omega online



DP25B-RTD 1/2 DIN panel meter visit omega online

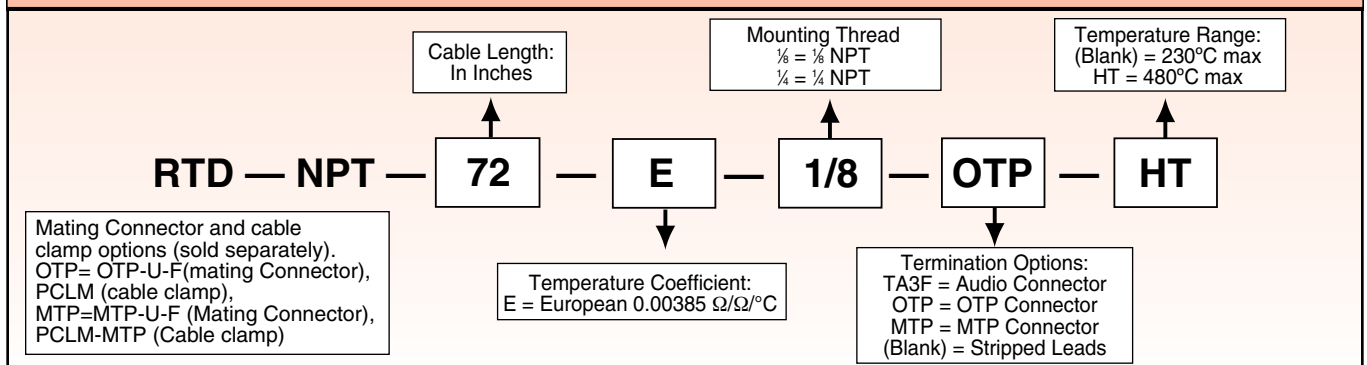


SPRTX, 4 to 20 mA transmitter visit omega online



TX92 transmitter visit omega online

### How are OMEGA's Model Numbers Constructed?



**Ordering Example:** RTD-NPT-72-E-OTP-HT, 100 Ω Class "A" European curve, with 1/4 NPT, 72" L fiberglass insulated cable, heavy-duty connector.

**RTD-NPT DUAL Accessories**

Model No.	Sensing Element	Thread Size	Mating Connector Model No.	Cable Clamp Model No.
RTD-NPT-72-E-DUAL-1/4-MTP	100 Ω Class "A" DIN	¼ NPT	MTP-U-F	PCLM-MTP
RTD-NPT-72-E-DUAL-1/8-MTP	100 Ω Class "A" DIN	⅛ NPT		
RTD-NPT-72-E-DUAL-1/8-MTP-HT	100 Ω Class "A" DIN	⅛ NPT		
RTD-NPT-72-E-DUAL-1/4-MTP-HT-S	100 Ω Class "A" DIN	¼ NPT		

*All Accessories Sold Separately.*

**RTD-NPT Accessories**

Model No.	Sensing Element	Thread Size	Mating Connector Model No.	Cable Clamp Model No.
RTD-NPT-72-E-1/4	100 Ω Class "A" DIN	¼ NPT	MTP-U-F	PCLM-MTP
RTD-NPT-72-E-1/4-MTP	100 Ω Class "A" DIN	¼ NPT		
RTD-NPT-72-E-1/8-MTP	100 Ω Class "A" DIN	⅛ NPT		
RTD-NPT-72-E-1/4-MTP-HT	100 Ω Class "A" DIN	¼ NPT		
RTD-NPT-72-E-1/8-MTP-HT	100 Ω Class "A" DIN	⅛ NPT		

*All Accessories Sold Separately.*