

# RTDs and Thermistors

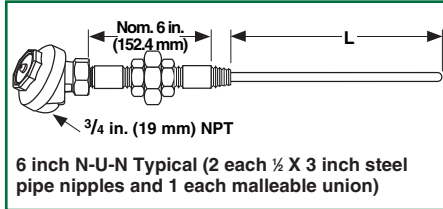


For a complete RTD assembly, add thermowell part number. See thermowell section, pages 144 to 146.

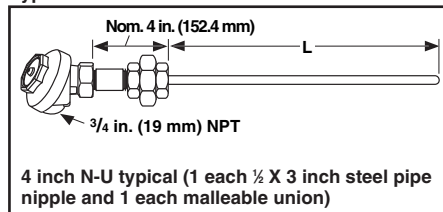
## RTD Style RT

### For Use with Thermowells

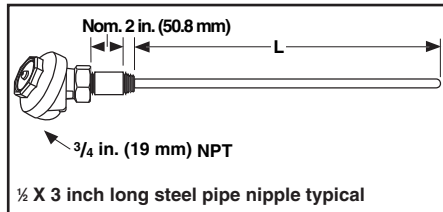
Type 1



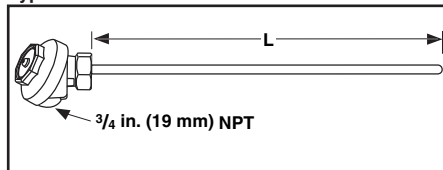
Type 2



Type 3



Type 4



### Features and Benefits

#### High quality thermowells and pipe wells

- Protect sensor

#### Mineral insulated construction

- Available in 0.125 to 0.250 inch O.D.

#### Available with spring-loading

- Ensures positive contact

#### Complete assembly available

- Head mounted 4-20mA transmitter, two- or three-wire input and non-isolated

#### Variety of connection head options

- Meet your application requirements

**Custom Ordering Information**—Items in **Bolded Green Type** are preferred with shorter lead times.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	<b>R</b>	<b>T</b>				<b>0</b>									<b>0</b>
<b>3. Sheath O.D. (inch)</b>	_____														
G = 0.125	<b>J = 0.250</b>														
H = 0.188															
<b>4. Connection Head</b>	_____														
C = Polypropylene															
<b>D = Cast iron</b>															
<b>E = Cast aluminum</b>															
H = Explosion proof															
U <sup>①</sup> = E head with 5750 transmitter															
V <sup>①</sup> = C head with 5750 transmitter															
W <sup>①</sup> = H head with 5750 transmitter															
<b>5. Cold End Configuration<sup>②</sup></b>	_____														
<b>Type 1</b>	<b>Type 2</b>	<b>Type 3</b>	<b>Type 4</b>												
<b>6. Enter "0"</b>	_____														
<b>7. Sheath Construction</b>	_____														
	-50 to 260°C			-200 to 650°C											
	(-58 to 500°F)			(-328 to 1200°F)											
	316 SS			316 SS											
Standard Industrial	<b>A</b>			—											
Mineral Insulated	—			K											
<b>8-9. Sheath Length "L" (see drawings at left)</b>	_____														
When ordering a complete assembly with thermowell, specify "AR" as required. Otherwise, specify the "L" dimension in whole inches.															
<b>10. Sheath Length "L" (fractional inch)</b>	_____														
<b>0 = No fraction, whole inches</b>															
1 = 1/8	3 = 3/8	5 = 5/8	7 = 7/8												
2 = 1/4	4 = 1/2	6 = 3/4													
<b>11. Element</b>	_____														
	2-wire	3-wire	4-wire												
100Ω Single	A	<b>B</b>	C												
<b>12. Temperature Coefficient</b>	_____														
DIN 0.00385															
<b>A = Class A</b>															
<b>B = Class B</b>															
<b>14. Spring-Loading</b>	_____														
<b>Y = Yes</b>	N = No														
<b>15. Special Requirements</b>	_____														
<b>0 = None</b>															
X = Special requirements, consult factory															

① Units with transmitter, buyer to specify range and degree C or F, as well as temperature span.

② Other sizes, lengths and materials available. Consult factory.



For further details on Watlow connection heads see the hardware section of this catalog, pages 156 to 157.