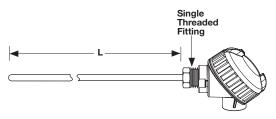
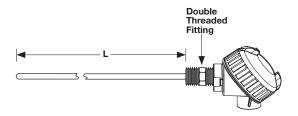
# **Resistance Temperature Sensors**

# **RTDs**

# Connection Head/Optional Transmitter Style RR





# **Ordering Information**

#### Part Number

1 2	3 Sheath O.D. (in.)	④ Con. Head	⑤ Head Mtg. Fittings	6	Sheath Const.	8 9 Sheath Length "L" (in.)	Sheath Length "L" (fract. in.)	11) Element	12 Initial Element Accuracy	13 14	¹is Tag Style
RR				0						00	

3	Sheath O.D. (in.)
G =	0.125
H =	0.188
J =	0.250
Note	0.125 dia, supplied with 28 gauge wire, 0.188 and 0.250 dia.

**Note:** 0.125 dia. supplied with 28 gauge wire. 0.188 and 0.250 dia. supplied with 24 gauge wire.

4	Connection Head			
C =	Polypropylene			
D =	Cast iron			
E =	Cast aluminum			
H =	Explosion proof			
U* =	E head with 5750 transmitter			
V* =	C head with 5750 transmitter			
W* =	H head with 5750 transmitter			
* For	* For units with transmitter, the order must specify a range and degree			
F or	F or C, as well as a temperature span.			

5	Head Mounting Fittings		
O =	Single threaded, 303 SS		
F=	Double threaded, 303 SS <sup>1</sup> / <sub>2</sub> in. NPT		
H* =	* = Spring loaded, double threaded, 316 SS <sup>1</sup> / <sub>2</sub> in. NPT		
* Avail	* Available in 0.250 inch diameter only.		

Sheath Construction			
	-58 to 500°F (-50 to 260°C) 316 SS	-328 to 1200°F (-200 to 650°C) 316 SS	
Standard industrial 0.125 - 0.250 in. O.D.)	А	_	
Mineral insulated (0.125 - 0.250 in. O.D.)	_	K	

8 9	
A =	Sheath construction requires 2 in. min to 36 in. max. length
K=	Sheath construction requires 3 in. min to 99 in. max. length

10	)	Sheath Length "L" (fractional in.)
0	=	No fraction, whole inches
1	=	1/8
2	=	1/4
3	=	3/8
4	=	1/2
5	=	5/8
6	=	3/4
7	=	7/8

11 Element					
	2-Wire	3-Wire	4-Wire		
100Ω single	А	В	С		
100Ω dual *, **	D	Е	_		
1000Ω single **	J	K	L		
* Available in 0.250 inch diameter only.					
** Available with standard industrial construction only.					

12	Initial Element Accuracy @ 0°C
A =	DIN Class A (±0.06%)
B =	DIN Class B (±0.12%)

15	Tag Style
0 =	Polymeric
1 =	300 SERIES SST

### **Features and Benefits**

# **Connection heads**

• Provides superior dust and moisture resistance

# Weatherproof plastic heads

 Resists weak acids, organic solvents, alkalies, sunlight and dust

# Complete assembly available

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

**WATLOW** 95