

RTDs

Industrial Process (Cont'd)

Transmitter option; 1. I = Isolated or N = Non-isolated 2. & 3. Temp. Range (see table A below) 4. °C or °F

Example;

I	0	100	C
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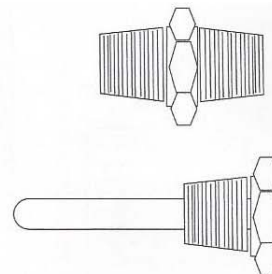
 = Isolated, 0-100 degrees C = 4-20mA

	Non-isolated	Isolated
Input:	PT100 .00385 3-wire RTD	PT100 .00385 3 or 4-wire RTD
Range:	Adjustable to specific ranges within -60 to 1120°F / -50 to 550°C	-328 to 1832°F / -200 to 1000°C Narrowest range = 18°F / 10°C
Output:	4-20mA	4-20mA or 20-4mA
Ambient Temp.:	-40 to 185°F / -40 to 85°C	-40 to 185°F / -40 to 85°C
Power Supply:	6.5 to 32 VDC	6.5 to 36 VDC
Polarity Protection	Yes	Yes
Accuracy:	± 0.1% of span	± 0.1% of span
Calib. Accuracy:	± 0.1% of span	max. of 0.2°C or 0.1% of span
Long Term Stability	± 0.1% of span/year	± 0.1% of span/year
Connection:	up to 12 Awg. wire	up to 16 Awg. wire

Table A Standard Ranges
RTD
-50 - 50°C
0 - 100°C
0 - 150°C
0 - 100°F
0 - 300°F
0 - 400°F
Consult sales for other ranges

Table B FITTINGS			
NPT Thread	Material	Sheath OD	Order Code
1/2"x1/2"	316SS	.125" to .313"	A
1/2"x1/2"	316SS	.125" to .250"	*B
1/2"x1/2"	316SS	.125" to .313"	**C
1/2" Single	316SS	.125" to .313"	D
1/4"x1/4"	316SS	.188" to .250"	E
1/4" Single	304SS	.062" to .250"	F
1/8" Single	304SS	.062" to .250"	G

* Spring Loaded Assembly
** 316SS welded fitting



Standard orientation for single threaded fittings is threads facing process. Add "X" after fitting order code for backwards fitting (threads facing lead end).

• Standard assemblies use Class B thinfilm elements and are rated from -50°C (-58°F) to +260°C (500°F). Higher temperature rated assemblies are available up to 400°C (752°F). Add "-HT" to p/n suffix.

Discount Schedule	
1 - 9 units	Net
10 - 24 units	10%
25 - 49 units	20%
50 and up	Call

P R I C I N G					
*Basic (includes 1st 12" of sheath)	1/8"	3/16"	1/4"	5/16"	
	\$65	\$63	\$60	\$68	
Add'l Sheath Adder (per inch)	.15	.25	.45	.75	
Element Adder	A	B	C,E,G,H	D,F	
	\$5	N/C	\$6	\$2	
Protection Head Adder	CA,CI	NY	PW	EX	
	\$26	\$22	\$25	\$55	
Fitting Adder	A	B	C,F,G	D	E
	N/C	\$20	\$5	\$4	\$9
Lead Option Adder (per foot) (first 36" included in basic)	2IT	2TT,3IT	3TT, 3GG	4IT	4TT, 4GG
	.30	.50	.65	.65	.70

Transmitter option add \$99 for nonisolated or \$189 for isolated.