

Remote Reading Thermometers

REMOTE DIGITAL THERMOMETER/TRANSMITTER

REOTEMP's Remote Digital Thermometer/Transmitter is a high accuracy thermometer with digital display. It features an IP67/ NEMA 4X enclosure and a 5 year battery life. The Remote Digital is perfect for a variety of markets and applications where a high accuracy digital readout is required.

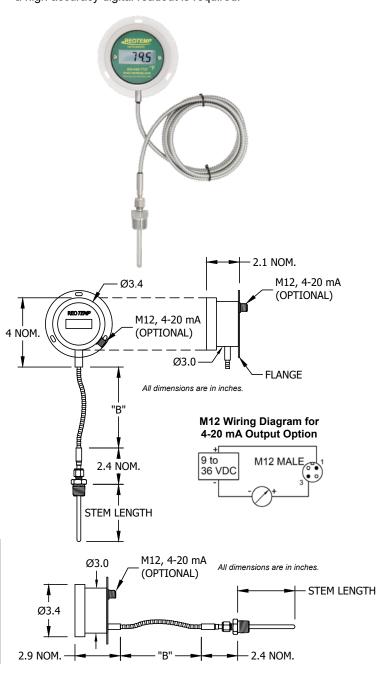


Table 1: Display Resolution				
Model	Range	Decimal Point		
Low Temp, Displays Decimal	-58°F to 392°F (-50C to 200C)	Yes		
High Temp, No Decimal	-328°F to 1112°F (-200°C to 600°C)	No		







Accuracy

Custom Logo

Made in the USA

FEATURES / BENEFITS

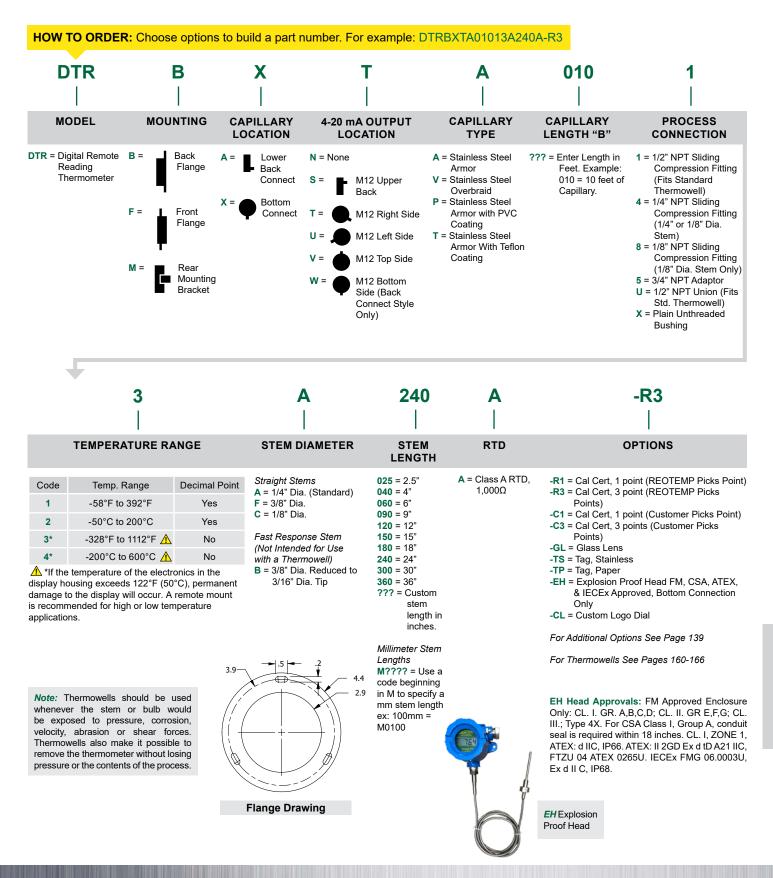
- High Accuracy 1,000Ω RTD (Class A)
- Water Resistant IP67/NEMA 4X
- · 5 Year Battery Life
- 4-20 mA Output Available
- · Low or High Temperature Range Models

SPECIFICATIO)NS
or Lon Tortife)1 1 0
Accuracy	\pm (0.72 + 0.002 x t-32) °F, \pm (0.42 + 0.002 x t) °C, where t = temperature. Example: At 32°F accuracy is \pm 0.72 °F.
Sensing Element	RTD, Type Pt1000 Ω , Class A
Temperature Ranges	-58°F to 392°F (-50°C to 200°C) or -328°F to 1112°F (-200°C to 600°C)
Output (Optional)	4-20 mA, M12 Connector
Refresh Rate	3 Seconds
Display	4-digit LCD, 1/2" Height
Display Resolution	See Table 1
RFI Effect	1% or Less Typical
Ambient Temperature Range	32°F to 122°F (0°C to 50°C)
Housing Material	Stainless Steel 316
Lens	Plastic Polycarbonate (Standard) or Glass
Probe Material	304 Stainless Steel
Weight	12 oz., Varies by Configuration
Environmental Protection	NEMA 4X/IP67
Power	1 x 3.6V AA Battery (M12 is loop powered 9-36 VDC.)
Battery Life	5 Years Minimum in Continuous Mode
Electronic Display Temperature Limit	If the temperature of the electronics in the display housing exceeds 122°F (50°C), permanent damage to the display will occur. A remote mount is recommended for high or low temperature applications.

Remote Reading Thermometers



REMOTE DIGITAL THERMOMETER/TRANSMITTER







DIAL INDICATING THERMOMETER OPTIONS

		Industrial	Small Dial OEM	Digital	Dual Mode Thermometer	
Part#	Description	AA, RR, CC, CN, BB, SS, XR, XX, YY, YN, VR, VV, LL, MM, JJ	QQ, GG, HH	DT, DTR, BT	DMT	
		FILL OPTION				
-SF	Silicone Filled Case	✓ S OPTIONS	N/A	N/A	✓	
-PC	Acrylic Window	✓ /	√	N/A	✓	
-PY	Polycarbonate Window	✓	✓	STD	√	
-TG	Tempered Safety Glass Lens	✓	N/A	N/A	√	
-SG	Laminated Safety Glass Lens	√	N/A	N/A	√	
-GL	Plain Glass	STD	STD	√	STD	
		M OPTIONS	0.5		0.5	
-PS	Pointed Tip	✓	✓	✓	N/A	
-SS	316 Stainless Steel Stem	✓	✓	✓	✓	
-F5	5/16" Diameter Stem (Not Available with 316SS Stem)	✓	✓	✓	N/A	
-S3	3/8" Diameter Stem	✓	✓	✓	✓	
-TF	Teflon Coating (Stem Only)	✓	✓	✓	✓	
	DIA	L OPTIONS				
-CL	Custom Logo Dial	✓	✓	✓	✓	
-HV	Hi-Vis Dial	✓	MQ	N/A	✓	
-CB	Color Band	✓	MQ	N/A	✓	
-CP	Color Pie	✓	MQ	N/A	✓	
-WD	White Dial (Standard Ranges Only)	✓	✓	✓	✓	
-MM	Min/Max Pointer	✓	N/A	N/A	✓	
NL	No Logo	✓	✓	✓	✓	
	TA	G OPTION				
-TS	Stainless Steel Tag (1-10 Characters)	√	√	√	√	
-TP	Paper Tag	ATION OPT	√ IONS	✓	✓	
	1pt. Calibration Certification	ATION OF I		,	,	
-R1 -R3	(REOTEMP Chooses the Point) 3 pt. Calibration Certification	· ·	√ √	✓ ✓	./	
-R3	(REOTEMP Chooses the Points) 1 pt. Calibration Certification	→	√	√	↓	
-C3	(Customer Chooses the Point) 3 pt. Calibration Certification	√	√	√	·	
-cs	(Customer Chooses the Points) NIST Calibration Sticker (No Logged Points)	<i>,</i> ✓	<i>√</i>	✓	<i>✓</i>	
-cc	Certificate of Conformance	√	✓	✓	✓	
	OTHER					
-3H	316 Stainless Steel Head & Bezel	✓	N/A	STD	✓	
-HT	Heat Transfer Compound	✓	✓	✓	✓	
-CH	Spring Handle (T-27)	✓	✓	✓	N/A	
-AS	Allows Bimet to Fit 1-1/4-18 Industrial Thermowell	✓	✓	✓	✓	
-EH	Explosion Proof Head	N/A	N/A	✓	✓	

✓	Indicates that the option is available with the model.	N/A	Indicates the option is not available with this model.
STD	Indicates standard options with no additional cost.	MQ	Minimum order quantity applies.