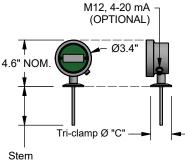


Sanitary RTD

SANITARY DIGITAL THERMOMETER/TRANSMITTER

The Reotemp Sanitary Digital Thermometer/Transmitter is a durable high accuracy thermometer with digital display. It features an IP67/NEMA 4X enclosure, 5 year battery life and optional transmitter output (Note: 4-20mA models are loop powered 9-36VDC). The clean-in-place connection is perfect for brewing, food, beverage and pharmaceutical applications.





Length

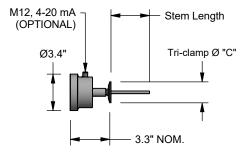


Table 1: Display Resolution							
Model	Range	Decimal Point					
Standard Temp, Displays Decimal	-58°F to 392°F (-50°C to 200°C)	Yes					
Extended Temp, No Decimal	-328°F to 1112°F (-200°C to 600°C)	No					

858-784-0710





FEATURES / BENEFITS

- 3-A Conformance Certificate Included
- High Accuracy 1,000Ω RTD (Class A)
- Water Resistant IP67/NEMA 4X
- 5 Year Battery Life (4-20mA Models are Loop Powered)
- 4-20 mA Output Available (Loop Powered 9-36VDC)

SPECIFICATIONS

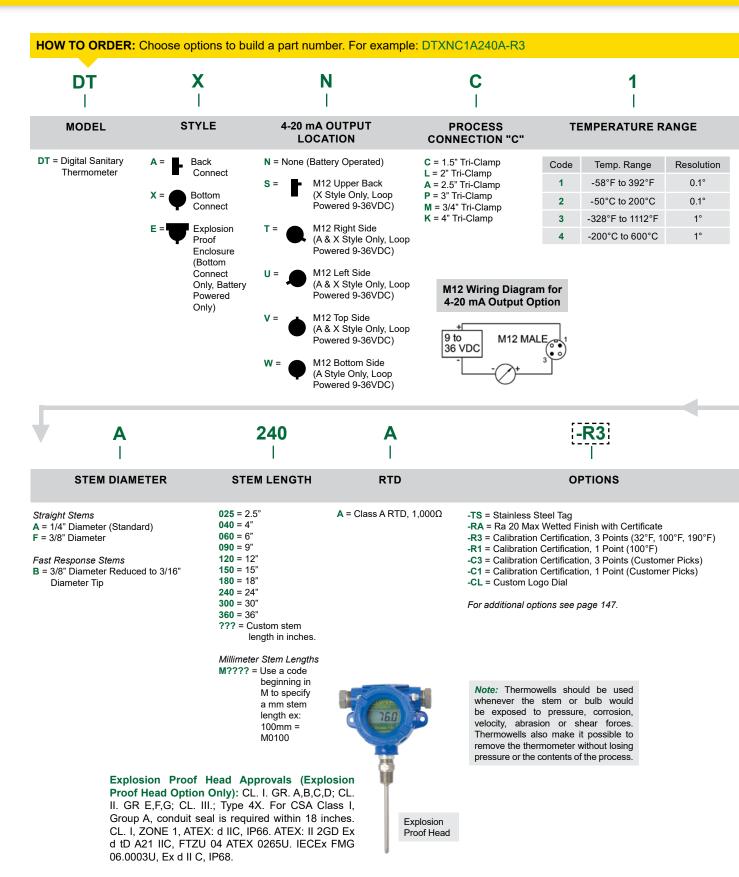
Accuracy	± (0.72 + 0.002 x t-32) °F, ± (0.40 + 0.002 x t) °C, where t = temperature. Example: At 32°F accuracy is ± 0.72 °F.		
Sensing Element	RTD, Type Pt1000Ω, Class A		
Temperature Ranges	-58°F to 392°F (-50°C to 200°C) or -328°F to 1112°F (-200°C to 600°C)		
Output (Optional)	4-20 mA, M12 Connector, Loop Powered 9-35 VDC		
Refresh Rate	3 Seconds		
Display	4-digit LCD, 1/2" Height		
Display Resolution	See Table 1		
RFI Effect	1% or Less Typical		
Temperature Effect	<0.01% FS/°C		
Ambient Temp. Range	32°F to 122°F (0°C to 50°C)		
Storage Temp. Range	-4°F to 158°F (-20°C to 70°C)		
Housing Material	Stainless Steel 316		
Wetted Finish	Ra 32 Max. / Ra 20 Max.(Optional)		
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, (Note: 4-20mA Models are Loop Powered 9-36 VDC, No Battery Option)		
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 temperature applications.		

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Sanitary RTD



SANITARY DIGITAL THERMOMETER/TRANSMITTER



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Customization



THERMOCOUPLE & RTD OPTIONS

		Thermoco	ouple	RTD	Digital Thermometers	Handheld Digital		
CERTIFICATION OPTIONS								
-R1	1 Point Calibration Certification, Reotemp Chooses	✓		~	\checkmark	~		
-R3	3 Point Calibration Certification, Reotemp Chooses	✓		~	\checkmark	~		
-C1	1 Point Calibration Certification, Customer Chooses	✓		~	\checkmark	~		
-C3	3 Point Calibration Certification, Customer Chooses	\checkmark		~	\checkmark	~		
-CC	Certificate of Conformance	✓		✓	\checkmark	✓		
-CS	NIST Calibration Sticker (No Logged Points)	✓		~	~	~		
		OTHER	OPTION	S				
-VB	Hi-Vibration	N/A		✓	✓	✓		
-AC	Hi-Accuracy	N/A		✓	N/A	N/A		
-PS	Pointed Stem	✓		✓	✓	✓		
-TF	Teflon Coating	✓		✓	✓	✓		
-SS	316 SS stem	N/A		STD	✓	✓		
-NL	No Logo	\checkmark		\checkmark	\checkmark	✓		
-HT	Heat Transfer Compound (2 oz)	✓		✓	\checkmark	N/A		
-GL	Plain Glass Lens	N/A		N/A	\checkmark	\checkmark		
-CL	Custom Logo Dial	N/A		N/A	\checkmark	\checkmark		
-BP	Replacement Battery Pack	N/A		N/A	\checkmark	\checkmark		
-WD	White Dial	N/A		N/A	\checkmark	✓		
-AS	Allows to Fit 1-1/4-18 Industrial Thermowell	✓		~	\checkmark	N/A		
TAG OPTION								
-TS	Stainless Steel Tag (1-10 Characters)				✓			
-ТМ	Stainless Steel Tag (11-80 Characters)	✓						
-TP	Paper Tag				✓			
✓ Indicates that the option is available with this model.								
✓ N/A								

STD Indicates standard options with no additional cost.

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