

**FAX 610-789-7300**

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All sensing elements are manufactured by MAMAC Systems and are fully protected against moisture and other contaminants by means of a conformal coating process which seals the sensor and a portion of the lead wires. Without this protection, sensors may be shorted by condensation forming across the leads resulting in sensor error. In addition to coating the sensor, the same urethane compound is used to seal the end of the probe where the sensor lead wires exit making an air tight, moisture-proof bond.

The RTD and transmitter are matched and calibrated as a complete assembly in a temperature chamber against a NIST traceability calibrated standard. The final accuracy is verified with a (3) point calibration check against the standard over the specified temperature range. The transmitter is equipped with non-interacting zero and span adjustment trimmers for site calibration and is reverse polarity protected against accidental mis-wiring. The transmitter assembly conforms to a ANSI S50.1 Type 2 Class U circuit.



TEMPERATURE TRANSMITTER SELECTION CHART			
ORDER #	VOLTAGE	SIGNAL	RANGE
Immersion			
TE211Z-C-B-2-A-1-E-4	13 to 24VDC	4-20 mA	0-100°F
TE213-C-B-2-1-C-4	24VDC	0-10 VDC	
A-500-2-B-1	6" Brass Thermowell - 1/2" NPT o.d. x 1/4" i.d.		
1/4" NPT OD conn. Length - 6"; 4", 8" and 12" available			
Duct Probe			
TE211Z-B-B-2-1-E-4	13 to 24VDC	4-20 mA	0-100°F
TE213-B-B-2-1-C-4	24VDC	0-10 VDC	
Probe length - 6"; 4", 8" and 12" available			
Strap-On			
TE211Z-E-E-2-1-E-4	13 to 24VDC	4-20 mA	0-100°F
TE213-E-E-2-1-C-4	24VDC	0-10 VDC	
Duct Averaging			
TE211Z-D-F-2-1-E-4	13 to 24VDC	4-20 mA	0-100°F
TE213-D-F-2-1-C-4	24VDC	0-10 VDC	
1/4" OD 304SS Probe length - 6"; 12" and 24" available			
OPTIONAL RANGES for above models: 50-85; 40-140; -30 to130; 100-150; 0-250°F			
Outdoor Air			
TE211Z-F-E-4	13 to 24VDC	4-20 mA	0-100°F
TE213-F-C-4	24VDC	0-10 VDC	
With weather proof enclosure			
Wall Mount			
TE211Z-A-1-E-1	13 to 24VDC	4-20 mA	50-85°F
TE213-A-1-C-1	24VDC	0-10 VDC	
0-100°F also available			

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