TEMPERATURE

MAMAC SYSTEMS IMMERSION THERMISTOR AND RTD SENSORS **TE703/704 SERIES**



DESCRIPTION

The Mamac Systems Model TE703/704 Immersion and Surface temperature Sensors provides precision remote temperature sensing for building automation systems and mechanical equipment room instrumentation. The Mamac **TE703A** is a thermowell mount immersion temperature sensor. The Mamac TE703B is a polycard enclosure immersion temperature sensor. The TE703C is a galvanized steel enclosure immersion temperature sensor. The Mamac **TE703D** is a painted steel enclosure immersion temperature sensor. The Mamac TE704A is a strap on probe temperature sensor. The Mamac TE704B is a polycard enclosure surface temperature sensor. The Mamac TE704C is a galvanized steel enclosure surface temperature sensor. The Mamac TE704D is a painted steel enclosure surface temperature sensor.



- · Wide selection of thermistor and RTD curves
- · Waterproof stainless steel probe









TE-703-704





SPECIFICATIONS

Accuracy

Thermistor ±0.36°F (0.2°C)

RTD

1K Ω Nickel, 1K Ω Balco

±0.5°F (0.28°C) ±0.27°F (0.15°C)

100 Ω , 1K Ω Pt 385 **Sensor Type**

> **Thermistor** $2.252 \text{ k}\Omega$, $3 \text{ k}\Omega$, $10 \text{ k}\Omega$ Type II, III, 20

 $k\Omega$, 100 $k\Omega$

RTD 1kΩ Nickel

100Ω Pt 385 Curve 1kΩ Pt 385 Curve

Temperature Range

Thermistor/RTD -40° to 210°F (-40° to 100°C)

Temperature Coefficient

Thermistor Negative temperature coefficient **RTD** Positive temperature coefficient

Enclosure Rating Depends on model Mounting Directly to pipe

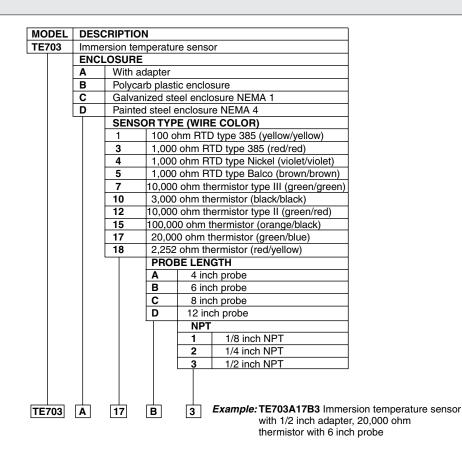
Wiring Terminations 6' (1.8m) pigtails Weight depends on model

Approvals CE, RoHs Warranty 5 years

TEMPERATURE

MAMAC SYSTEMS IMMERSION THERMISTOR AND RTD SENSORS **TE703/704 SERIES**

ORDERING INFORMATION



MODEL		DESCRIPTION			
TE70	O4 Strap-on temperature sensor			erature sensor	
		ENCLOSURE			
		A Surface mount strap-on		e mount strap-on	
		B Polycarb plastic enclosure			
		C Galvanized steel enclosure NEMA 1			
		D Painted steel enclosure NEMA 4			
	SENSOR TYPE (WIRE COLOR)				
			1	100 ohm RTD type 385 (yellow/yellow)	
			3	1,000 ohm RTD type 385 (red/red)	
			4	1,000 ohm RTD type Nickel (violet/violet)	
			5	1,000 ohm RTD type Balco (brown/brown)	
			7	10,000 ohm thermistor type III (green/green)	
			10	3,000 ohm thermistor (black/black)	
			12	10,000 ohm thermistor type II (green/red)	
			15	100,000 ohm thermistor (orange/black)	
			17	20,000 ohm thermistor (green/blue)	
			18	2,252 ohm thermistor (red/yellow)	
TE70)4	A	17	Example: TE704A17 Strap-on temperature ser surface mount strap-on, 20,000 ohm	

NEW!