



Bimetal Thermometer with Transmitter Output

Bimetal Stem with 4 to 20 mA Output, 3" or 5" dial

Models Select Chart

Model	Description
BTO32551	Bimetal thermometer with transmitter output, 2.5" stem length, range 0-250°F.
BTO32571	Bimetal thermometer with transmitter output, 2.5" stem length, range 50-550°F.
BTO34051	Bimetal thermometer with transmitter output, 4" stem length, range 0-250°F.
BTO34071	Bimetal thermometer with transmitter output, 4" stem length, range 50-550°F.
BTO36051	Bimetal thermometer with transmitter output, 6" stem length, range 0-250°F.
BTO36071	Bimetal thermometer with transmitter output, 6" stem length, range 50-550°F.
BTO39051	Bimetal thermometer with transmitter output, 9" stem length, range 0-250°F.
BTO39071	Bimetal thermometer with transmitter output, 9" stem length, range 50-550°F.
BTO31251	Bimetal thermometer with transmitter output, 12" stem length, range 0-250°F.
BTO31271	Bimetal thermometer with transmitter output, 12" stem length, range 50-550°F.
BTO52551	Bimetal thermometer with transmitter output, 2.5" stem length, range 0-250°F.
BTO52571	Bimetal thermometer with transmitter output, 2.5" stem length, range 50-550°F.
BTO54051	Bimetal thermometer with transmitter output, 4" stem length, range 0-250°F.
BTO54071	Bimetal thermometer with transmitter output, 4" stem length, range 50-550°F.
BTO56051	Bimetal thermometer with transmitter output, 6" stem length, range 0-250°F.
BTO56071	Bimetal thermometer with transmitter output, 6" stem

	length, range 50-550°F.
BTO59051	Bimetal thermometer with transmitter output, 9" stem length, range 0-250°F.
BTO59071	Bimetal thermometer with transmitter output, 9" stem length, range 50-550°F.
BTO51251	Bimetal thermometer with transmitter output, 12" stem length, range 0-250°F.
BTO51271	Bimetal thermometer with transmitter output, 12" stem length, range 50-550°F.

Specifications:-	
THERMOMETER SPECIFICATIONS:	
Wetted Materials	: 304 SS.
Housing Material	: 304 SS.
Accuracy	: ±1% of FS.
Lens	: Glass.
Temperature Limits	: Ambient: -58 to 185°F (-50 to 85°C).
Dial Size	: 3" or 5".
Process Connection	: 1/2" NPT.
Resolution	: 2°F (5°F for 400°F and 550°F models).
Weight	: 1.95 lb (885 g).
TRANSMITTER SPECIFICATIONS:	
Temperature Limits	: Ambient: -58 to 185°F (-50 to 85°C).
Power Requirement	: 10 to 33 VDC.
Output Signal	: 4 to 20 mA.
Loop Resistance	: 1045 Ω.
Power Consumption	: 38 mA.
Enclosure Rating	: NEMA 4X (IP66).