

MODEL: BMTG-UTPL-01



Special Features

- Nominal sizes 63, 80, 100, 160 mm [2.5, 3, 4, 6"]
- Robust, hermetically sealed case
- External reset for setting the reference temperature
- Dished dial (anti-parallax) for ease of reading
- Adjustable stem and dial version enables optimal process connection

Applications

- General process instrumentation in the chemical and petrochemical industries, oil and gas industries, power generation and water/wastewater industries
- Temperature measurement in harsh and aggressive environments
- Suitable for applications with high vibrations

Specifications

Standard Version : 63 mm, 100 mm, 150 mm

Accuracy	• $\pm 1.6\%$ of Full Scale (EN 13190)
Ambient temperature	• -20°C to $+60^{\circ}\text{C}$
Operating Temperature Range	• Standard Stem: Up to 250°C • With Cooling Extension: Up to 400°C
Over Range Protection	• 130% of maximum scale value (short duration)
Case & Bezel	• AISI 304 SS (Bayonet Type)/ SS 316 as per requirement
Stem / Sensing Element	• AISI 316 SS (Bimetallic Helix)
Pointer	• Black-painted Aluminium, Micrometer Adjustable
Dial	• Aluminium, black graduation on white background
Movement	• Stainless Steel
Window	• Safety / Toughened / Arcylic / Plain Glass
Protection	• IP65
Thread Connection	• 1/2" BSP(M), NPT(M), or as specified
Stem Diameter	• 6 mm, 8 mm, 10 mm, 12 mm (as per order)
Stem Length	• 50 mm to 500 mm (others on request)
Mounting Types	• Direct Mounting (Radial / Axial) • Surface Mounting • Panel Mounting • With Thermowell (Optional)

Ranges

Standard Measuring Ranges:

- -50 to 50°C
- 0 to 120°C
- 0 to 200°C
- 0 to 300°C
- 0 to 400°C
- (Other ranges available on request)

Optional Features

- Thermowell in SS304 / SS316 / Monel / Hastelloy
- Silicone Oil Filled (for vibration resistance)
- Customized Dial Markings
- Special Stem Lengths