

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

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| Accuracy | • $\pm 1.6\%$ of Full Scale (EN 13190) |
| Ambient temperature | • -20°C to +60°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