

# BI-METAL THERMOMETER

FT21  
FT22



## FEATURES & SPECIFICATIONS

- Center back or bottom connection
- Bi-metallic coil sensing element for reliable readings
- Dual scale reading in °C and °F
- Adjustable bulb
- Equipped with brass pocket thermowell
- Suitable for water, steam, oil within thermometer range
- Design conforms to EN 13190
- Applicable for Building Services, Air-Conditioning, Refrigeration, Heating System, General Industries

## SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| Dial Size                         | 3" (80mm)<br>4" (100mm)                                     |
| Stem Length<br>(Including Thread) | 2½" (65mm)<br>4" (100mm)<br>6" (150mm)                      |
| Case                              | Zinc Plated Steel   |
| Bezel                             | FT21 - Zinc Plated Steel<br>FT22 - Stainless Steel 304      |
| Lens                              | Glass   |
| Bulb                              | Copper Alloy  |
| Stem                              | Brass   |
| Connection                        | FT21 - ½" BSPT/NPT Bottom<br>FT22 - ½" BSPT/NPT Center Back |
| Accuracy                          | +/- 1.6% of Full Scale Value                                |
| Protection                        | IP43  |



## PRODUCT IDENTIFICATION CODE

|                          |                                |             |          |            |          |            |          |              |
|--------------------------|--------------------------------|-------------|----------|------------|----------|------------|----------|--------------|
|                          |                                | <b>FT21</b> | <b>-</b> | <b>100</b> | <b>x</b> | <b>065</b> | <b>.</b> | <b>0/120</b> |
| <b>Type / Model</b>      | Bottom Connection              | FT21        |          |            |          |            |          |              |
|                          | Center Back Connection         | FT22        |          |            |          |            |          |              |
| <b>Dial Size</b>         | 3" (80mm)                      |             |          | 080        |          |            |          |              |
|                          | 4" (100mm)                     |             |          | 100        |          |            |          |              |
| <b>Stem Length</b>       | 2½" (65mm)                     |             |          |            |          | 065        |          |              |
|                          | 4" (100mm)                     |             |          |            |          | 100        |          |              |
|                          | 6" (150mm)                     |             |          |            |          | 150        |          |              |
| <b>Temperature Range</b> | 0°C...120°C ; 30°F ... 250°F   |             |          |            |          |            |          | 0/120        |
|                          | -30°C...50°C ; -20°F ... 120°F |             |          |            |          |            |          | 030/50       |
|                          | -40°C...40°C ; -40°F ... 110°F |             |          |            |          |            |          | 040/40       |

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