

## MODEL 8080KT BI-METALLIC TEMPERATURE GAUGE

- FOUR DIAL SIZES (3", 4", 5", 6")
- RUGGED STAINLESS STEEL CASE
- BI-METALLIC ELEMENT
- DUAL SCALE (°C & °F)
- ADJUSTABLE ANGLE (90°)
- SINGLE POINT CALIBRATION
- 1 YEAR WARRANTY



### Description

Model 8080KT is a Bimetallic Temperature Gauge and is designed for use in process industries where vibration, inclement weather and corrosive atmospheres prevail. The unit is provided with a 1/2"NPT connector fixed to the sensor. Other thread sizes can also be provided. A compression fitting can also be used to adjust the immersion length if required. (See Page 15 for detail.)

### Functional Specifications

#### Dial

3"/4"/5"/6", aluminum with black markings

#### Case Material

SS304

#### Stem Material

SS316

#### Stem Diameter

6.4mm (0.25"), Other diameters on request

#### Lens

Tempered Glass

#### Calibration

Single Point Calibration Available

#### Movement

Bi-metallic coil

#### Pointer

Aluminum, painted black

#### Over Range Enclosure Rating

±25% of full scale value

#### Reset

Standard

#### Operation Temperature

-40°C to +500°C (-40°F to +930°F)

#### Accuracy

±2% of full scale

#### Enclosure Rating

Meets IP65

### Ordering Information

Model	Description
8080KT	Bi-metallic Temperature Gauge
	<b>Code</b> <b>Connection Type</b>
	01        Rigid stem
	02        All angle adjustable
	<b>Code</b> <b>Dial Size</b>
	F3        3" (76mm)
	F4        4" (102mm)
	F5        5" (127mm)
	F6        6" (152mm)
	<b>Code</b> <b>Stem Length "L"</b>
	L000     Specify in inch (Example:050=5.0")
	<b>Code</b> <b>Temperature Range</b>
	Rxx-xxx   Specify range of Dial in °F Example:R00-300; Dial will be supplied with dual temperature scale (°C & °F) unless specified
8080KT	01    F5    L050    R00-300 ← <b>Typical Model Number</b>

### Dimensions

