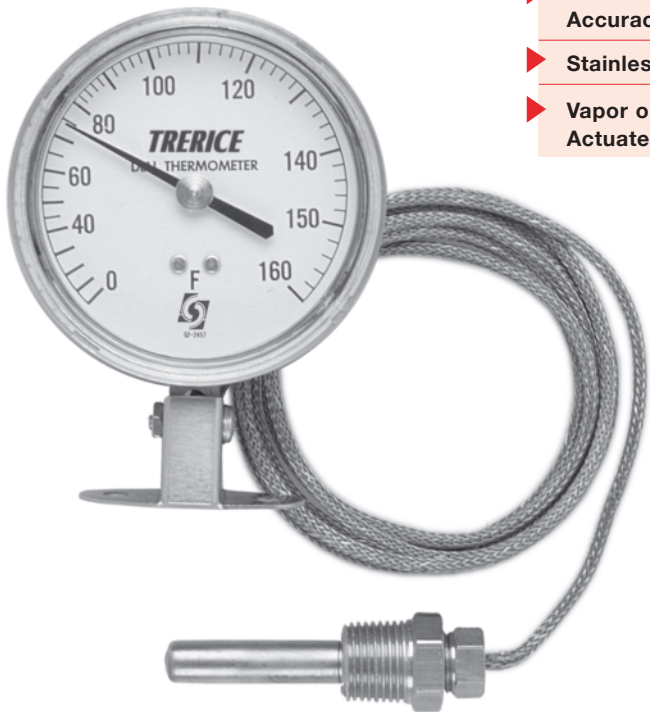


# Remote Mounted Dial Thermometer

## 3 1/2" Stainless Steel Case

DIAL THERMOMETERS



V80025 shown

The Trerice **Remote Mounted Dial Thermometer** is used extensively in the building and construction industry and is the preferred temperature instrument for OEMs worldwide. The stainless steel case is available in many styles for panel and surface mounting. This instrument has a 3 1/2" dial size and is available with either vapor or liquid actuation.

- ▶ 3 1/2" Dial Size
- ▶ ± 1 Scale Division Accuracy
- ▶ Stainless Steel Case
- ▶ Vapor or Liquid Actuated






- Optional features available: Please consult the Optional Features Section for details.

#### Thermowell

- For applications where the process media may be corrosive or contained under pressure, the use of a thermowell is required to prevent damage to the thermometer and facilitate its removal from the process.

(Refer to page 162)

### Specifications

Models	Dial Size	Case Styles
80025	3 1/2"	 <b>Adjustable Angle,</b> with mounting bracket
80035	3 1/2"	 <b>Surface Mounted,</b> back flanged, with bottom outlet
80036	3 1/2"	 <b>Surface Mounted,</b> back flanged with back outlet
80040	3 1/2"	 <b>Flush Mounted,</b> front flanged, with back outlet
80041	3 1/2"	 <b>Flush Mounted,</b> u-clamp with back outlet

**Movement** Brass

#### **Case Material**

Stainless Steel

#### **Window**

Acrylic, snap-in with  
Nitrile O-ring seal

#### **Pointer**

Adjustable, black finish

#### **Dialface**

Aluminum, white background with  
black graduations and markings

#### **Accuracy**

±1 scale division

#### **Approximate Shipping Weight**

1.3 lbs [0.59 kg]

### HOW TO ORDER

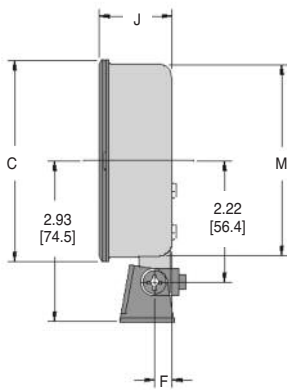
Sample Order Number: **V 80035 110 B01 05**

Actuation	Model	Range Code	Thermal System	Capillary Length*
V Vapor	80025	See Standard Ranges	See Thermal Selection (pages 120-121)	05 5 Feet
L Liquid	80035			10 10 Feet
	80036			15 15 Feet
	80040			20 20 Feet
	80041			

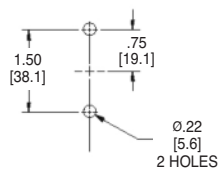
\* Other Capillary lengths available: Specify in feet. Vapor: 100 Feet Max  
Liquid: 20 Feet Max

All dimensions are nominal.  
Dimensions in [ ] are in millimeters.

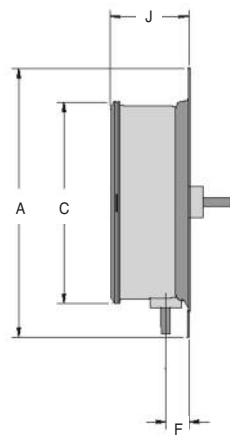
**80025 Adjustable Angle with mounting bracket**



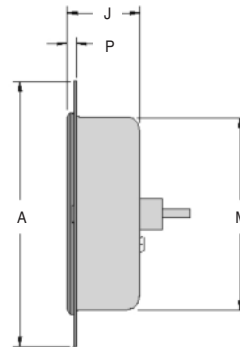
Mounting Dimensions for 80025



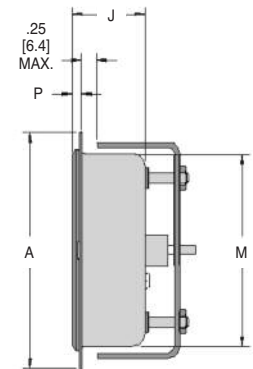
**80035 & 80036 Surface Mounted back flanged**



**80040 Flush Mounted front flanged**

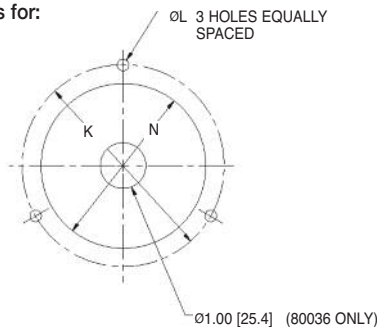


**80041 Flush Mounted U-clamp**



Drilling Dimensions for:

- 80035
- 80036
- 80040
- 80041



Model	A	C	F	J	K	L	M	N	P
80025	N/A	3.67 [93.2]	0.32 [8.2]	1.33 [33.9]	N/A	N/A	3.51 [89.2]	N/A	N/A
80035	4.91 [124.7]	3.67 [93.2]	0.43 [11.0]	1.44 [36.6]	4.25 [108]	0.25 [6.4]	N/A	N/A	N/A
80036	4.91 [124.7]	3.67 [93.2]	N/A	1.44 [36.6]	4.25 [108]	0.25 [6.4]	N/A	N/A	N/A
80040	4.84 [122.9]	N/A	N/A	1.33 [33.6]	4.25 [108]	0.25 [6.4]	3.51 [89.2]	3.62 [92.0]	0.17 [4.3]
80041	4.31 [109.5]	N/A	N/A	1.33 [33.8]	N/A	N/A	3.51 [89.2]	3.62 [92.0]	0.17 [4.3]

**Standard Ranges (Dual Scale includes both Fahrenheit & Celsius)**

Vapor Actuated					Liquid Actuated				
Fahrenheit Scale Range Code	Fahrenheit Scale Range	Celsius Scale Range Code	Celsius Scale Range	Dual Scale Range Code	Fahrenheit Scale Range Code	Fahrenheit Scale Range	Celsius Scale Range Code	Celsius Scale Range	Dual Scale Range Code
030	-40° to 150°F	430	-40° to 65°C	230	020	-40° to 120°F	420	-40° to 50°C	220
040	-20° to 100°F	440	-30° to 40°C	240	050	0° to 100°F	450	-20° to 40°C	250
050	0° to 100°F	450	-20° to 40°C	250	060	0° to 160°F	460	-20° to 70°C	260
065	0° to 160°F	465	-20° to 70°C	265	100	30° to 180°F	495	0° to 80°C	300
100	30° to 180°F	500	0° to 85°C	300	110	30° to 240°F	510	0° to 115°C	310
110	30° to 240°F	510	0° to 115°C	310	130	50° to 300°F	530	10° to 150°C	330
120	30° to 300°F	520	0° to 150°C	320					
145	100° to 350°F	545	40° to 180°C	345					
160	200° to 450°F	560	90° to 230°C	360					