

# DRUM THERMOMETER



a DwyerOmega brand

## 2" Rear Connection

Drum thermometers are excellent in applications where space does not allow for a large dial thermometer. They are available in both vertical and horizontal configurations and can be flush mounted by snapping into a panel with case clips. They feature large numerals on a rotating drum for easy readability and, being solid liquid filled, have a linear scale.

### Remote Reading



### General Specifications

**CASE:** ABS Plastics, black (standard) or white (optional)

**LENS:** Clear polycarbonate

**SCALE:** ABS plastic drum 1/2" high, white with black markings (standard) or black drum with white markings (optional). Also available unmarked with color bands.

**BOURDON TUBE:** Phosphor bronze, solid liquid filled with direct drive to the drum

**ACCURACY:** ±1 One scale division

**CONNECTING TUBING:** 60" PVC tubing, Ø 0.125" (standard). Maximum tubing length is 15'

**BULB:** Plain. Tin-plated brass. Size varies with range. Maximum size is .375 O.D. x 1.5" long

**TEMPERATURE COMPENSATOR:** With solid liquid filled instruments, the entire unit is temperature sensitive, including the bulb, connecting tubing, and instrument itself. A bimetal case compensator is supplied to correct any error effect on the case, but care must be exercised to avoid exposing the tubing to temperatures vastly different than the sensing bulb.

**AMBIENT TEMPERATURE:** -40 to 140°F (-40 to 60°C).

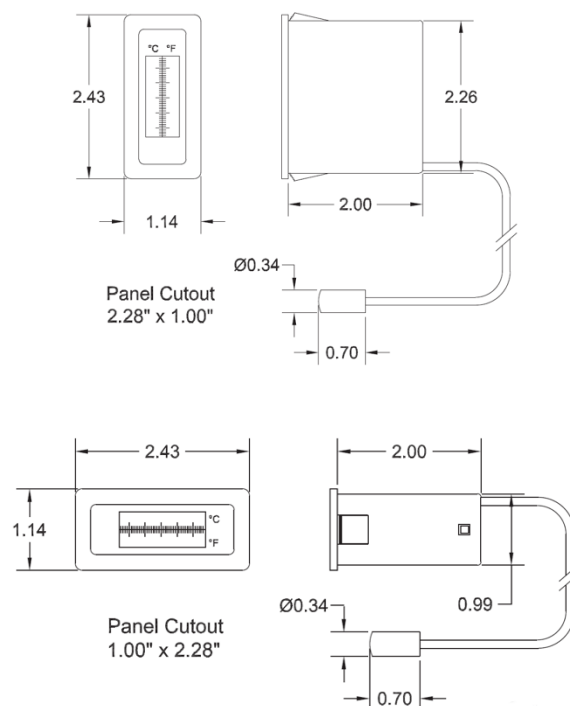
### Models & Bulbs

| Model      | Style      | Bulb             | Capillary |
|------------|------------|------------------|-----------|
| 115-461657 | Vertical   | Tin-plated brass | PVC       |
| 115-465591 | Horizontal | Tin-plated brass | PVC       |

### Ranges

| Range Code | Range                      | °F Scale |      | °C Scale |      |
|------------|----------------------------|----------|------|----------|------|
|            |                            | Fig.     | Div. | Fig.     | Div. |
| 45         | 30 to 250 °F / 0 to 120 °C | 20°      | 2°   | 20°      | 1°   |

### Dimensions (in.)



Drum Thermometers DS-L2546 EN v1 Datasheet 0826