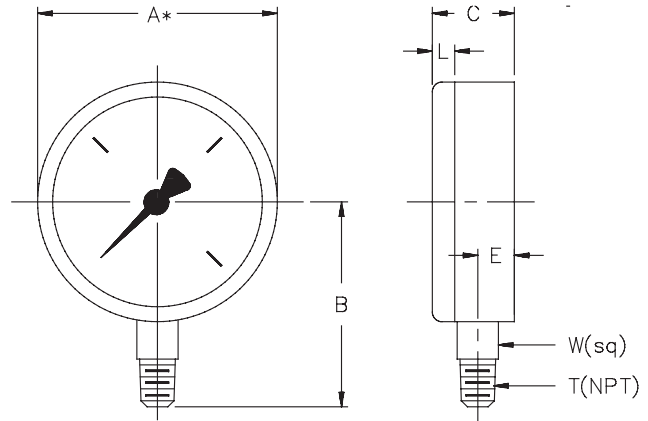


Bourdon Tube Pressure Gauges | Standard Series | Type 111.10SP



Applications

- Fire sprinkler systems
- Suitable for all media that will not obstruct the pressure system or attack copper alloy parts

Specifications

Design

EN 837-1 & ASME B40.100

Sizes

4" (100 mm)

Accuracy class

± 3/2/3% of span (ASME B40.100 Grade B)

Ranges

0/80 psi (5,5 bar), retard to 250 psi (17 bar), air | 0/300 psi (20 bar), water

Working pressure

Steady: 3/4 of full scale value

Fluctuating: 2/3 of full scale value

Short time: full scale value

Operating temperature

Ambient: -40°F to 140°F (-40°C to 60°C)

Media: 140°F (+60°C) maximum

Temperature error

Additional error when temperature changes from reference temperature of 68°F (20°C) ± 0.4% of span for every 18°F (10°K) rising or falling.

Dimensions

Size		A	B	C	E	L	T	W	Weight
4"	mm	100	71	30	11.5	3.75		14	
	in	4.0	2.79	1.18	0.45	0.15	1/4"	0.55	0.35 lb.

Ordering information

Pressure gauge model / Nominal size / Scale range / Size of connection / Optional extras required

Specifications and dimensions given in this **leaflet** represent the state of engineering at the time of printing.

Modifications may take place and materials **specified** may be replaced by others without prior notice.

Product Features

- UL-listed (UL-393), United States and Canada
- Factory Mutual (FM) approved
- Reliable and economical

Bourdon tube

Material: Copper alloy

C-shape

Pressure connection

Material: Copper alloy

1/4" NPT lower mount (LM)

Movement

Copper alloy

Dial

White aluminum with stop pin; black and red lettering

Pointer

Black aluminum

Case

Black polycarbonate

Window

Snap-in clear polycarbonate

Approvals

UL listed (UL-393)

Factory Mutual