



Bourdon Tube Pressure Gauges

Black Polycarbonate Case

Copper Alloy Wetted Parts

UL Listed / FM Approved

Sprinkler Gauges • Type 111.10SP

Pressure Gauges

Application

Fluid medium which does not clog connection port or corrode copper alloy. Specifically designed for the fire sprinkler industry.

Sizes

4" (100 mm)

Accuracy

± 3/2/3% of span (ASME B40.1 Grade B)

Ranges

0/80 PSI retard to 250 PSI (Air)

0/300 PSI (Water)

Working Range

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: max. 140°F (+60°C)

Temperature Error

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

Standard Features

Connection

Material: copper alloy

Lower mount (LM)

1/4" NPT limited to wrench flat area

Bourdon Tube

Material: copper alloy

C-type

Movement

Copper alloy

Dial

White aluminum with stop pin. Black and red markings

Pointer

Black aluminum

Case

Black polycarbonate

Window

Snap-in clear polycarbonate

Approvals

UL Listed (UL-393)

Factory Mutual Approved



Order Options (not all options are UL or FM approved)

Brass threaded or press fit restrictor

Cover ring

Glass window

Black painted steel case

Stainless steel case

Special case colors

Special connections limited to wrench flat area

Nickel plated connection

Custom dial layout

Other pressure scales available:

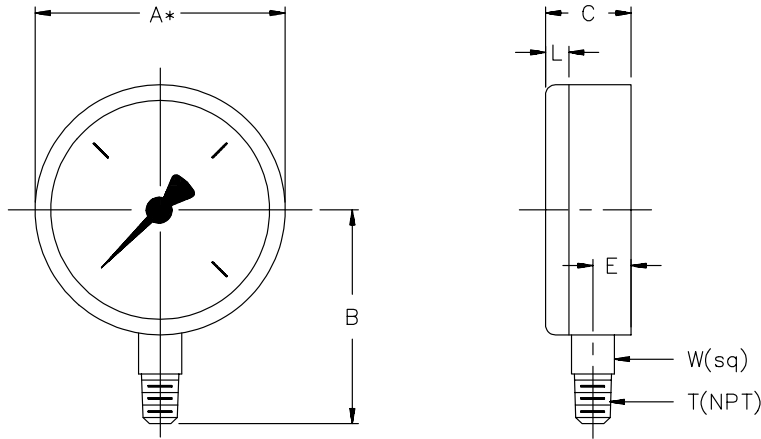
Bar, kPa, MPa, Kg/cm² and dual scales

DIN standards

APM 111.10SP

(APM 01.01.4)

Dimensions:



A* NOMINAL SIZE

111.10S 4" LM	WEIGHT	KEY	A*	B	C	E	L	T	W
	0.35 lbs.	mm	100	83.5	30	11.5	3.75	--	14
		in	4.0	3.29	1.18	0.45	0.15	1/4	0.55

THE MEASURE OF
Total Performance™

Ordering Information:

State computer part number (if available) / type number / size / range / connection size and location / options required.

Specifications given in this price list represent the state of engineering at the time of printing. Modifications may take place and the specified materials may change without prior notice



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