



## Bourdon Tube Pressure Gauges

**Stainless Steel Safety Case**

**Stainless Steel Wetted Parts**

**Accuracy  $\pm 0.25\%$  of Span**

**Test Series • Type 332.30**

### Pressure Gauges

#### Application

Pressure gauge for testing and calibration. Fluid medium which does not clog port or corrode stainless steel.

#### Size

6" (160 mm)

#### Accuracy

$\pm 0.25\%$  of span (ASME B40.1 Grade 3A)

#### Ranges (All ranges not stocked)

Vacuum / Compound to 30"HG / 0 / 200 PSI

Pressure from 10 PSI to 20,000 PSI

or other equivalent units of pressure or vacuum

#### Working Range

Steady: full scale value

Fluctuating: 0.9 x full scale value

Short time: 1.3 x full scale value

#### Operating Temperature

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

Media: max. 212°F (+100°C)

#### Temperature Error

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



### Standard Features

#### Connection

Lower mount (LM)

Material: 316 stainless steel

1/4" NPT or 1/2" NPT

#### Bourdon Tube

Material: 316 stainless steel

< 1500 PSI: C-type

$\geq 1500$  PSI: helical type

$\geq 15,000$  PSI: Ni-Span C® helical type

#### Movement

Stainless steel

#### Dial

White aluminum with black lettering and mirrored band

#### Pointer

Adjustable knife-edge, black aluminum

#### Case

304 stainless steel with stainless steel bayonet ring.

Solid front blow-out back safety case design.

Buna-N blow-out plug

#### Weather Protection

Weather resistant (NEMA 4X / IP 54)

#### Standard Scale

PSI

#### Window Gasket

Buna-N

#### Window

Laminated safety glass

#### Order Options (min. order may apply)

Front flange

Stainless steel restrictor

Certificate of Calibration to National

Institute of Standard Technology (NIST)

DIN standards

Special connections limited to wrench flat area

Cleaned for oxygen service

Custom dial layout

Other pressure scales available:

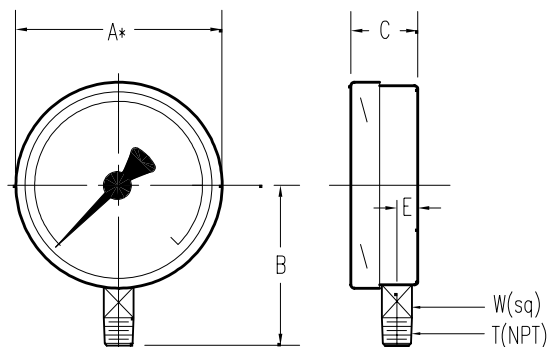
Bar, kPa, Kg/cm<sup>2</sup> and dual scales

Alarm contact switches magnetic and inductive Transmitters

**APM 332.30**  
**(APM 03.05)**

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## Dimensions:



A\* NOMINAL SIZE

TYPE/SIZE	WEIGHT	KEY	A*	B	C	E	T	W
332.30 6"	2.90 lbs. <sup>2</sup>	mm	160	118	58	24	--	22
		in	6.0	4.65	2.28	0.95	1/2"	.87

NOTE: For gauges with 1/4"NPT connection, "B" dimension changes to 111mm/4.36in.  
For gauges with ranges above 1000 PSI - "C" dimension changes to 2.97 in. (75.5 mm)  
and weight changes to 3.3 lbs.

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the INCO family of companies.

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

05/01



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