



# 4001 4" HEAVY DUTY ALL STAINLESS STEEL

Heavy duty, all stainless steel gauge with removable bezel, adjustable pointer  
1% accuracy, welded case-to-stem connection, dry yet fillable

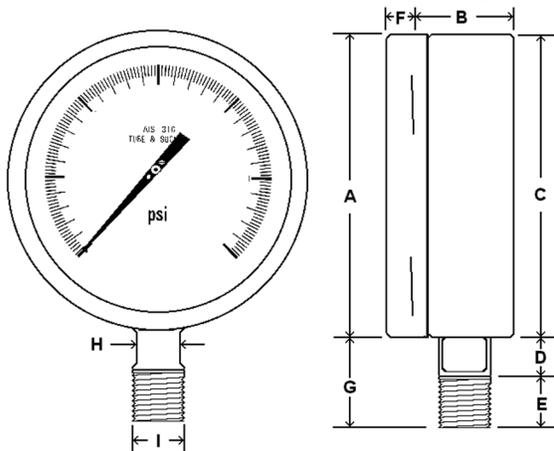
## SPECIFICATIONS

<b>Dial</b>	4" (100 mm)
<b>Case</b>	Stainless steel, dry yet fillable Welded case-to-stem connection
<b>Wetted Parts</b>	316 stainless steel
<b>Movement</b>	With overload/underload stops
<b>Bezel</b>	Removable, stainless steel
<b>Lens</b>	Laminated safety glass
<b>Pointer</b>	Adjustable, black aluminum
<b>Connection</b>	Lower mount 1/4" or 1/2" NPT
<b>Scale</b>	Standard: single scale psi
<b>Accuracy</b>	1% of span ASME B40.1 Grade 1A
<b>Ambient Temp</b>	Dry = -30° F to 180° F Glycerine Filled = 30° F to 160° F



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Design meets or exceeds ASME B40.100 pressure gauge standard.



## AVAILABLE OPTIONS\*

- Certificate of Accuracy, NIST traceable
  - Custom Dial
  - Liquid Fill Options, see page 176
  - High Pressure Connection - 9/16" HPM  
- See 4001-9/16 page 51
  - Special Connection Size
  - Knife-edge pointer
  - Protective Rubber Cover, see page 121
  - Max/Min Pointer, see page 122
  - 0.5% Accuracy Available
- \*Lead times/minimums may apply

## APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial	Unit	A	B	C	D	E	F	G	H	I (=NPT)	Dial Size	Est. Unit Wt.	Box Qty
4"	In.	4.02"	1.93"	3.87"	0.70"	0.74"	0.66"	1.38"	0.68"	1/4" or 1/2"	4"	1 lb/0.48 kg	15
	mm	102	49	99	18	19	17	35	17				

## STANDARD DIAL CONFIGURATIONS FOR 4001 SERIES

Dial Range	Figure Intervals	Graduation Intervals	Dial Range	Figure Intervals	Graduation Intervals	Dial Range	Figure Intervals	Graduation Intervals
30/0"hg Vac	3" hg	0.2" hg	0/60 psi	5 psi	0.5 psi	0/2000 psi	200 psi	20 psi
30/0/15 psi	5" hg/3 psi	0.5"hg/.2 psi	0/100 psi	10 psi	1 psi	0/3000 psi	500 psi	20 psi
30/0/30 psi	10" hg/5psi	1" hg/.5 psi	0/160 psi	20 psi	2 psi	0/5000 psi	500 psi	50 psi
30/0/60 psi	10" hg/5psi	1" hg/.5 psi	0/200 psi	20 psi	2 psi	0/6000 psi	500 psi	50 psi
30/0/100 psi	30" hg/10psi	2" hg/1 psi	0/300 psi	30 psi	2 psi	0/10,000 psi	1000 psi	100 psi
30/0/150 psi	30" hg/20psi	5" hg/2 psi	0/400 psi	50 psi	5 psi	0/15,000 psi	3000 psi	100 psi
30/0/300 psi	30" hg/50psi	5" hg/2 psi	0/600 psi	50 psi	5 psi	0/20,000 psi	2000 psi	200 psi
0/15 psi	1 psi	0.1 psi	0/1000 psi	100 psi	10 psi			
0/30 psi	3 psi	0.2 psi	0/1500 psi	200 psi	10 psi			

NOTE: Because of continuing improvements, specifications are subject to change. Stock ranges vary by dial size and configuration. Consult PIC Gauges for availability.

# 4001 9/16" HIGH PRESSURE CONNECTION



Heavy duty, all stainless steel gauge with removable bezel, adjustable pointer  
 1% accuracy, welded case-to-stem connection, dry yet fillable  
 9/16" HPM connection, Ranges 10,000 psi, 15,000 psi, 20,000 psi

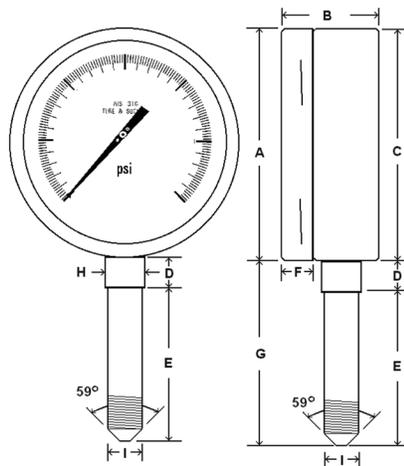
## SPECIFICATIONS

<b>Dial</b>	4" (100 mm)
<b>Case</b>	Stainless steel, dry yet fillable Welded case-to-stem connection
<b>Wetted Parts</b>	316 stainless steel
<b>Movement</b>	With overload/underload stops
<b>Bezel</b>	Removable, stainless steel,
<b>Lens</b>	Laminated safety glass
<b>Pointer</b>	Adjustable, black aluminum
<b>Connection</b>	Lower mount 9/16-18" High Pressure Male
<b>Scale</b>	Standard: single scale psi
<b>Accuracy</b>	1% of span ASME B40.1 Grade 1A
<b>Ambient Temp</b>	Dry = -30° F to 180° F Glycerine Filled = 30° F to 160° F

*Design meets or exceeds ASME B40.100 pressure gauge standard.*



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## AVAILABLE OPTIONS\*

- Certificate of Accuracy, NIST traceable
- Custom Dial
- Liquid Fill Options, see page 176
- Cleaned for Oxygen Service (dry only)
- Knife-edge pointer
- Protective Rubber Cover, see page 121
- With Gland/Collar
- Max/Min Pointer, see page 122
- 0.5% Accuracy Available

\*Lead times/minimums may apply

## APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Wt.	Box Qty
4"	1.20 lbs (0.54 kg)	15

Dial	Unit	A	B	C	D	E	F	G	H	Thread
4"	In.	4.00"	1.97"	3.87"	0.81"	2.45"	0.66"	3.26"	0.68"	9/16-18
	mm	100	50	99	21	62	17	83	17	MP Male

## STANDARD DIAL CONFIGURATIONS FOR 4001 9/16" SERIES

Part Number	Dial Range	Figure Intervals	Graduation Intervals
4001-9LU	0/10,000 psi	1,000 psi	100 psi
4001-9LV	0/15,000 psi	3,000 psi	100 psi
4001-9LW	0/20,000 psi	2,000 psi	200 psi

NOTE: Because of continuing improvements, specifications are subject to change without notice. Stock ranges vary by dial size and configuration. Consult PIC Gauges for availability.



COLLAR



GLAND

Part Number	Description
60-2H9	Collar
60-2HM9	Gland

SOLD SEPARATELY



# 4001-PT GAUGE WITH TRANSMITTER

Heavy duty, all stainless steel gauge with welded case-to-stem connection  
 Solid front safety case with 4-20mA output for PLC/PID and data loggers  
 CE Approved pressure transmitter

## SPECIFICATIONS

### PRESSURE GAUGE

Dial	4" (100 mm)
Case	Stainless steel Welded case-to-stem connection
Wetted Parts	316L stainless steel
Bezel	Removable, stainless steel
Lens	Laminated safety glass
Pointer	Adjustable, black aluminum
Connection	Lower mount 1/4" or 1/2" NPT
Scale	Standard: single scale psi
Accuracy	Gauge: 1% of span ASME B40.1 Grade 1A
Ambient Temp	-10° F to 150° F



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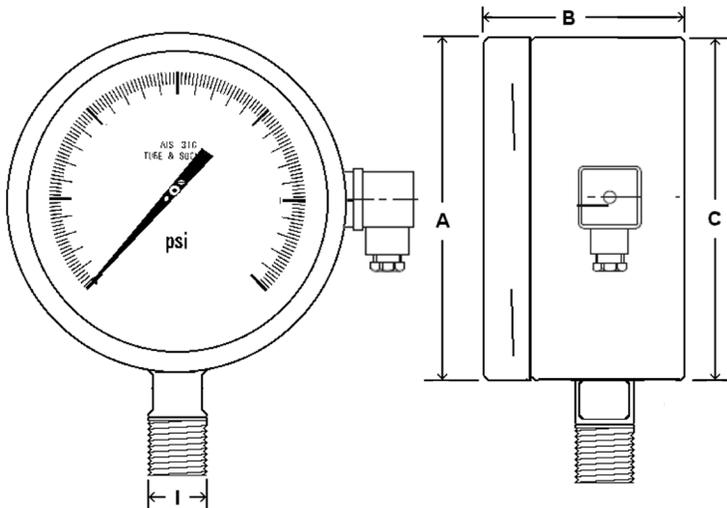
### PRESSURE TRANSMITTER

System	2 Wire
Supply	24 VDC
Output	4-20 mA
Accuracy	0.5% of FS
Electric Wiring	DIN Connector
Response Time	50 mSec (Typical)
Sensing Element	AISI 316L

### AVAILABLE OPTIONS\*

- Certificate of Accuracy, NIST traceable
- Custom Dial
- Special Connection Size
- Knife-edge pointer
- Max/Min Pointer, see page 122
- Electrical Contact Version

Design meets or exceeds ASME B40.100 pressure gauge standard.



Dial	Unit	A	B	C	I (=NPT)
4"	In.	4.37"	3.51"	3.94"	1/4" or 1/2"
	mm	111	89	100	

Drawings are not to scale.

\*Lead times/minimums may apply

### APPROXIMATE SHIPPING WEIGHTS/ BOX QUANTITIES

Dial Size	Est. Unit Wt.	Box Qty
4"	2.53 lb/1.15 kg	upon request