

# 700Plus Series

## Industrial Transmitter Gauge

SPECIALTY GAUGES



703SS shown

- ▶ 4" Dial Size
- ▶ ±1.0% Accuracy
- ▶ Stainless Steel Case
- ▶ Liquid Fillable

The Trerice **700Plus Series** Transmitter Gauge is designed to provide both local and remote pressure readings through the integration of an independent pressure transmitter to the pressure gauge. This gauge has a stainless steel case and ring, and is field liquid fillable (no kit required). Wetted parts include a stainless steel tube and socket with a ceramic transmitter.

- Optional features and case style variations available: Please consult the Options & Accessories Section for details.
- For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100.

### Specifications

#### Models

**703SS** (dry)  
**703LFSS** (liquid filled)

**Dial Size** 4"

#### Wetted Parts

Transmitter: stainless steel  
Gauge: 316L stainless steel tube & socket

**Fill** Mineral Oil

**Movement** Stainless Steel

#### Process Connection

Lower male,  
1/4 or 1/2 NPT

**Case** 304 Stainless steel,  
stem mounted flangeless

**Ring** Bayonet type, 304 stainless steel

**Window** Clear glass

**Pointer** Micro adjustable knife edge,  
black finished

**Dial Face** Aluminum, white background with  
black graduations and markings

#### Electrical Connection

Wiring cable

#### Supply Voltage

12 to 36 VDC

#### Output Signal

4 to 20 mA  
(load resistance maximum  $\Omega$ ) =  
 $\frac{V_{\text{supply}} - 12}{0.02}$

**Accuracy** Transmitter: ±0.5% Full Scale Max.

Gauge: ±1.0% Full Scale,  
ASME B40.100 Grade 1A

#### Maximum Temperature

212°F (100°C)

#### Approximate Shipping Weight

1.52 lbs [0.69 kg]

### HOW TO ORDER

Sample Order Number: **703SS 40 02 L 3 A 110**

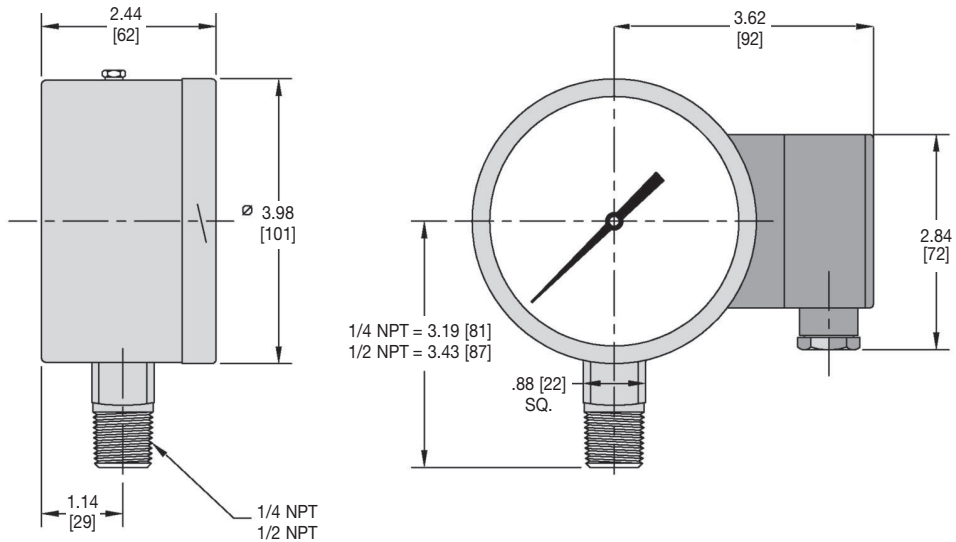
Model	Dial Size	Connection Size	Connection Location	Output Signal	Units of Measure	Range Code
703SS	40 4"	02 1/4 NPT	L Lower	3 4 to 20 mA	A psi	See Standard Ranges
703LFSS		04 1/2 NPT			D psi/kPa	

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All dimensions are nominal. Dimensions in [ ] are in millimeters.

SPECIALTY GAUGES



### Standard Ranges

psi Ranges (A)			
Range Code	Specific Range	Figure Intervals	Minor Divisions
010	30" Hg to 0	5	0.5
020	30" Hg to 15 psi	10/5	0.5/0.5
030	30" Hg to 30 psi	10/5	1/1
040	30" Hg to 60 psi	10/10	2/1
050	30" Hg to 100 psi	30/20	2/2
060	30" Hg to 150 psi	30/20	5/2
070	30" Hg to 300 psi	30/50	5/5
080	0 to 15 psi	3	0.2

psi Ranges (A)			
Range Code	Specific Range	Figure Intervals	Minor Divisions
090	0 to 30 psi	5	0.5
100	0 to 60 psi	10	1
110	0 to 100 psi	10	2
120	0 to 160 psi	20	2
130	0 to 200 psi	20	2
140	0 to 300 psi	50	5
150	0 to 400 psi	50	5
160	0 to 600 psi	100	10

For dual scale ranges, specify the appropriate **Units of Measure: D** (psi/kPa) followed by the corresponding **A** (psi) **Range Code**. Other pressure ranges are also available including: Altitude, Ammonia, Refrigerant and Receiver. Consult Special Application Ranges section or factory for availability.