

# Conventional Subsea Gauge - Stainless Steel Type 233.34 - Special Compensated

WIKAI Datasheet 233.34 Subsea

## Applications

- In compensated subsea environments: tested to working depths of 10,00 ft. of sea water
- Suitable for corrosive environments and gaseous or liquid media that will not obstruct the pressure system

## Special Features

- Excellent load-cycle stability and shock resistance
- Solid front reinforced thermoplastic case
- Positive pressure ranges to 30,000 psi
- Black dial face with white enlarged numerals for subsea visualization
- Optional easy-to-assemble Lexan Shield kit for impact protection



Bourdon Tube Pressure Gauge Model 233.34  
Shown with Lexan Shield Kit (optional)

## Standard Features

### Design

ASME B40.100

### Sizes

4½" (115 mm) dial size

### Accuracy class

± 0.5% of span (ASME B40.100 Grade 2A)

± 1.0% of span (ASME B40.100 Grade 1A)  
(for 20,000 psi range and above)

### Temperature error

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

### Operating temperature

Ambient: -4°F to +150°F (-20°C to +66°C) - glycerine filled

Medium: max. +212°F (+100°C)

### Ranges

Vacuum/compound to 200 psi

Pressure from 15 psi to 30,000 psi or other equivalent units of pressure or vacuum

### Working pressure

Steady: full-scale value

Fluctuating: 0.9 x full-scale value

Short time: 1.5 x full-scale value

### Pressure connection

Material: 316L SS

Lower mount (LM) or lower back mount (LBM)

Optional: ½" NPT (male)

High-pressure autoclave, F250C (9/16-18 UNF RH female)

or consult factory

### Bourdon tube

Material: 316L SS

