

# Solid Front Case (Liquid Fillable)



## Typical Applications

Process industry: chemical/petrochemical, power stations, mining, on and offshore, environmental technology, mechanical engineering and plant construction. The filled liquid protects the internal parts against vibrations. Suitable for corrosive environments and gaseous or liquid media that will not obstruct the pressure system.

## Standard Features

**Nominal Sizes:**  
100 and 150mm

**Design:**  
EN 837-1

**Accuracy Class:**  
100, 150mm:  $\pm 1.0\%$  FSD

**Over-Range Protection:**  
130% of FSD

**Liquid Filling:**  
Dry or Glycerine Fill

**Enclosure Protection:**  
IP 65

**Pressure Connection:**  
Bottom  
Threaded Entry  
100, 150mm: 1/4, 1/2" BSP/NPT

**Mounting:**  
Bottom or Back Mounting

**Special Features:**  
Solid-front stainless steel case  
Excellent load-cycle stability and shock resistance  
All stainless steel construction  
Positive pressure ranges to 20,000

**Special Versions / Optional / Extras:**  
+ Other Pressure connections



**Bourdon Tube (Wetted Part) Material:**  
SS 316

**Pointer:**  
Black Aluminium

**Movement Material:**  
Stainless Steel

**Pressure Element:**  
Material: Stainless Steel  
 $\leq 100\text{kg/cm}^2$ : C-type  
 $> 100\text{kg/cm}^2$ : Coil type

**Window:**  
100, 150mm: Toughened/Safety Glass

**Case Material:**  
Stainless Steel SS 304

**Bezel Ring:**  
Stainless Steel Bayonet type

**Dial:**  
White Aluminium with Black lettering

\* Specifications may be modified without prior notice. Please contact & confirm before placing order

## OPTIMUM ENGINEERING SERVICES

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