

## pressure gauges "solid-front" turret case DS 4.5" (125mm)



Instruments compliant with the safety requirements of ASME B40.1 and UNI-EN 837-2 standards.

In the event of leaks or rupture of the elastic element, the operator is protected by a solid-front safety cell made of AISI 304, which shields not only the front but also the sides of the instrument. Being welded to the pivot, it provides exceptional sturdiness. The energy generated is released towards the back of the instrument through a blow-out back. These instruments are typically used in the chemical and petrochemical industries as well as in conventional power plants. The dampened movement makes them particularly suitable for applications involving vibrations and pulsating pressures.

### 1.30.X.A - Standard Model - Lower Connection

**Standard:** ASME B40.1

**Ranges:** from 0...30 to 0...15000 psi; (from 0...2,5 to 0...1000 bar or other equivalent units).

**Accuracy:** Grade 2A as per ASME B40.1 ( $\pm 0,5\%$  of span).

**Ambient temperature:**  $-13...+149^{\circ}\text{F}$  ( $-25...+65^{\circ}\text{C}$ ).

**Process fluid temperature:**  $-22...302^{\circ}\text{F}$  ( $-30...+150^{\circ}\text{C}$  max).

**Working pressure:** max 75% of FSV.

**Overpressure:** (temporary): 30% of FSV.

**Protection degree:** IP 65 as per EN 60529/IEC 529.

**Socket material:** AISI 316 L.

**Elastic element:** AISI 316L seamless tube.

**Case and blow out disk:** polyamide, fiberglass reinforced, UV ray stabilized.

**Ring:** polypropylene, fiberglass reinforced.

**Safety cell:** AISI 304 st.st.

**Window:** tempered glass.

**Movement:** stainless steel, dampened.

**Dial:** aluminium, white with black markings.

**Pointer:** aluminium, micrometric adjustable.

### 1.30.X.D - Standard Model - Back Connection

**Protection degree:** IP 65 as per EN 60529/IEC 529.

**Case:** phenolic resin.

**Ring and blow out disk:** polypropylene, fiberglass reinforced.

**Separating wall:** AISI 304 st.st.

**Safety cell:** not available.

**Other features:** as lower connection.

