All Stainless steel Test Pressure Gauge Model: PT1

Applications

- Calibration Labs
- Test benches
- Test and measurement & Validation
- Testing of industrial type pressure
- For gaseous and liquid aggressive media that are not highly viscous or crystallising, also in aggressive ambience
- Process industry: Chemical/petro chemical, power stations, food and beverage, offshore oil rigs, pulp and paper, environmental technology, machine building and general plant construction



Special features

- Stabilizer movement
- Anti-glare & Anti-static window
- Knife edge pointer for optimal accuracy of reading
- All stainless steel construction
- Design EN 837-1
- Scale ranges up to 0 ... 1,600 bar

Description

Accuracy class

Pressure element

Process connection

Socket & connection

Window

Permissible temperature

Movement

Pointer

Dial

Protection

Range

NS 100, 160,250: 0.25, 0.5, 0.1% (option)

Stainless steel 316L C-type or helical type

Hastelloy, Monel, Tantalum(option)

Stainless steel 316L back & bottom

NS 100, 160, 250: 1/2 NPT, BSP(option)

316L st. steel treated

Laminated safety glass Anti-glare & Anti-static

Ambient: -40 ... +60 °C without liquid filling

-20 ... +60 °C gauges with glycerine filling

Medium: +200 °C maximum without liquid filling

+100 °C maximum with liquid filling

Stainless steel with stabilizer

Micro - Adjustable with twisted type and counterweight

Mirrored, single or dual scale

IP66

0...10 to 0...30,000 psi;

0...60 to 0...200.000 kPa;

0...0.6 to 0...2,000 bar

Vacuum & compound ranges

are available. single or double scale dials.



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■ Pressure limitation NS 63: Steady: 3/4 x full scale value

Fluctuating: 2/3 x full scale value

Short time: Full scale value

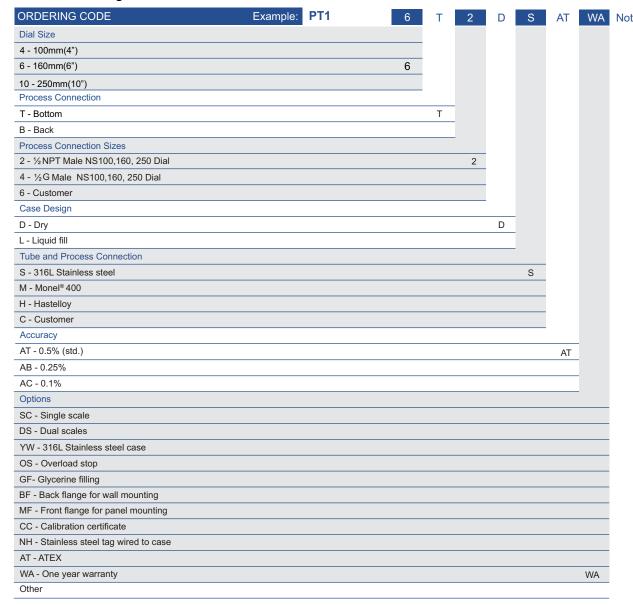
NS 100, 160: Steady: Full scale value

Fluctuating: 0.9 x full scale value Short time: 1.3 x full scale value

Temperature error
 When the temperature of the measuring system deviates

from the reference temperature (+20 $^{\circ}$ C): max. $\pm 0.4 \%/10 \text{ K}$ of full scale value

PT1 Pressure Gauges







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