

## Pressure Gauge

### Type A10 – Front Line

Date: June 2003

Sheet No.: 1-25GB



#### Standard pressure gauge, type A10

- Several material combinations adopted to media and environment
- Available in liquid filled or dry version
- Connection: Bottom or rear
- Mounting: Direct, surface or panel
- More than 40 different connection threads in 3 materials; e.g. G $\frac{1}{2}$ B brass
- Good long term stability
- Vibration proof
- Scale in accordance with international standards
- DNV approved

#### Application

This gauge series is well suited for applications in any process and marine environment where local indication is required. The extra thick housing of 1.2 mm creates a very stable platform for the most demanding installations.

#### Module System

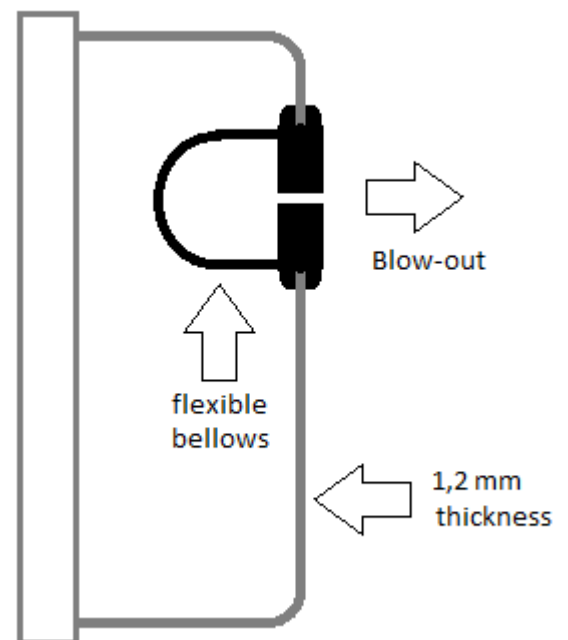
The TEMPRESS program of connecting nipples and mounting auxiliaries makes it possible to deliver thread type and mounting form as required.

#### Temperature compensation

The unique system with a flexible rubber bellows for temperature compensation ensures a correct reading even under heavily fluctuating ambient temperatures (0-60°C). An additional benefit is that the internals and glycerine are not contaminated by the outside air.

#### Safety

The temperature compensation system simultaneously works as blasting protection, i.e. if the measuring system blasts due to overpressure, the temperature compensation is blown out from the back of the instrument.



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Specifications	
Pressure Gauges:	DN 63 type A1001 DN 80 type A1002 DN 100 type A1003 DN 160 type A1004
Case material:	Steel, black enamelled
Option:	AISI 316
Front glass:	Acrylic
Option:	Toughened glass
Front ring	AISI 316
Liquid filling	Glycerine or silicone
Connection	Brass, steel or AISI 316 See datasheet 1-260GB
Measuring system	Brass/bronze, steel or AISI 316
Measuring range:	From -1 bar through 1600 bar
Min. span:	1 bar
Accuracy	Cl. 1.0 ( $\pm 1\%$ FS) DN63: Cl. 1,6 ( $\pm 1,6$ FS)
Measuring units	bar, Kpa, Mpa, Kp/cm <sup>3</sup> , Kg/cm <sup>2</sup> , lb/in <sup>2</sup> , psi, mH <sub>2</sub> O, mbar, "HG, cmHg. When dual scale marking is selected, the main unit is the inner scale.
Dimensions	Please refer to datasheet: 1-262GB
Ambient and media temperature	Please refer to datasheet: 1-261GB

Approved by DNV (Det Norske Veritas).

Distributor:



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