

Pressure gauge with diaphragm seal**Type A33/ 1½" Tri-Clamp® (DN38) ISO 2852**

Date: June 2019

Sheet No.: Tri-clamp DN38

Pressure gauge with diaphragm seal DN38

- Diaphragm of AISI 316L
- Hygienic
- Pressure gauge DN 100
- Bottom connection
- Temperature compensated
- Media temperature of up to 130°C(265°F)
- Ambient temperature of up to 60°C(140°F)
- Lower parts with other connections e.g. G3/8B, G½B and 1½" welding liner
- Stock item

**Application**

The TEMPRESS pressure gauge with diaphragm seal is an ideal solution in situations where the medium is not to come in contact with the instrument's measuring system whether for reasons of hygiene or due to the thick, crystallising or polluted nature of the medium.

The TR7604 diaphragm seal is a hygienic 1½" clamp (Tri-Clamp®) which fulfils the standard of ISO 2852.

The ultra-thin diaphragm in stainless and acid resistant steel is welded to the top part, allowing it considerable freedom of movement. This gives the instrument a high degree of durability and a level of precision better than ±1% F.S.

Temperature compensated

The unique temperature compensation system guarantees a correct reading even during extreme variations in the ambient temperature.

The system automatically compensates for changes in the ambient temperature of up to 60°C (140°F)

A wide range of other possibilities

The pressure gauge with diaphragm seal is one of more than 150 types TEMPRESS can supply.

Please contact our sales department or your local TEMPRESS representative for further information.

Specifications

Type A33	Pressure gauge with diaphragm seal
Case size	DN100
Case material	AISI 316, glass-bead blasted
Display face	Tempered safety glass
Bezel	AISI 316
Liquid filling	Glycerine
Connection	1½" (DN 38) clamp acc. to ISO 2852
Material	AISI 316L
Diaphragm material	AISI 316L
Transmission fluid	Glycerine, 90/10
Measuring range	-1-0 bar to 0-100 bar
Minimum span	1 bar
Damping	Standard
Over range Protection	Pmax + 30%
Medium temperature	-5 °C to 130 °C (23-265°F)
Ambient temperature	Span < 2,0 bar 0-50°C (32-120°F) Span > 2,0 bar 0-60°C (32-140°F)
Accuracy:	Cl. 1,0 (±1 % FS)
Temp. dependence	< 60 mbar at 100°C (0,87 psi at 212°F)
Measuring units	bar, Kpa, Mpa, Kp/cm ³ , Kg/cm ² , lb/in ² , psi, mH ₂ O mbar, "HG, cmHg, When dual scale marking is selected the main unit is the inner scala.

TEMPRESS reserves the right to changes without notice

TEMPRESS DATASHEET

Agent/Dealer:



TEMPRESS

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