



Duplex Refrigeration Pressure gauge – Type A11

Sheet No.: 1-41 GB

Duplex Refrigeration pressure gauge

- Liquid filled
- Connection: bottom or rear
- Direct, wall or panel mounting
- More than 40 different connecting threads
- Long-term stable
- Vibration protected
- Many types of refrigeration scales, graduated in pressure and temperature

Application

This series of pressure gauges is well suited for application in the refrigeration industry.

The double pressure gauge is specifically intended for 2-stage plants for measuring the suction and medium pressure or the medium and condensation pressure. Furthermore, it is also applicable for measuring the pressure drop over filters in refrigeration plants.

Module system

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

The program of refrigeration scales cover most refrigeration media available on the market. The scale can be delivered with 1, 2 or 3 refrigeration media.

Temperature compensation

The unique system for temperature compensation ensures a correct reading even under heavily fluctuating ambient temperatures (0-60°C)

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.

SPECIFICATIONS	
Pressure Gauges:	DN 80 type A1102 DN 100 type A1103
Case material: Option: Glass face: Bezel:	Steel, black enamelled AISI 316 (only DN100) Tempered safety glass AISI 316
Liquid filling	Glycerine
Connection	Brass or AISI 316
Measuring system	Brass/bronze, steel or AISI 316
Range: Option:	-1-0+12 bar/°C -1-0+25 bar/°C Other ranges on request
Accuracy	Cl. 1.0 (± 1,0% FS)
Refrigeration media:	R22, R134a, R236fa, R290, R404, R407, R410, R422, R427, R449, R502, R507, R717, R744, R1234ze, R1270 Other media on request