

## Pressure gauge

### Type A13/ Deep case

Date: June 2019

Sheet No.: A13



#### Deep case pressure gauge

- Liquid filled
- Connection: bottom
- Mounting:
  - DN88x88: Bracket
  - DN80, DN100: Direct, surface or panel
- More than 40 different connecting threads
- Long-term stable
- Vibration protected
- Many types of refrigeration scales, graded in pressure and temperature
- Class 1.0 ( $\pm 1\%$ FS)

#### Application

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

#### Module system

The TEMPRESS program of connecting nipples makes it possible to deliver thread type 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.

Approved by DNV (Det Norske Veritas).

Specifications	
Pressure Gauges:	DN 88x88, Type A131801 DN 80, Type A130201 DN 100, Type A130301
Case material:	Steel, black enamelled
<i>Option:</i>	AISI 316 (only DN100)
Glass face:	Tempered safety glass
Bezel:	AISI 316
Liquid filling	Glycerine
Connection:	Brass, steel or AISI 316
Measuring system:	Brass/bronze, steel or AISI 316
Range:	-1-0+12 bar/°C -1-0+25 bar/°C
<i>Option:</i>	Other ranges on request
Accuracy:	Cl. 1.0 ( $\pm 1\%$ FS)
Refrigeration media:	R22, R134a, R236fa, R290, R404, R407, R410, R422, R427, R449, R502, R507, R717, R744, R1234ze, R1270 Other media on request

TEMPRESS reserves the right to changes without notice

TEMPRESS DATASHEET

Agent/Dealer:



**TEMPRESS**

Sønderskovvej 10, DK-8362 Hørning.  
Phone: 8932 5200  
E-mail: sales@tempress.dk

Dimensions, mm						
Size mm	A	C	E	F	H	K
DN 88x88	46	56	88	88	17	
DN 80	66	66	87	110	18	ø4,8 PDC95
DN 100	83	77	108	132	20	ø4,8 PDC116
<b>DN 160</b>	<b>114</b>	<b>80</b>	<b>166</b>	<b>196</b>	<b>21</b>	<b>ø4,8 PDC178</b>

Agent/Dealer:



**TEMPRESS** (X)  
 Sønderkovvej 10, DK-8362 Høring.  
 Phone: 8932 5200  
 E-mail: sales@tempress.dk