

## Capsule gauge

### Type P1120

Date: June 2019

Sheet No.: P1120



### Capsule gauge

The TEMPRESS capsule gauge was developed as a supplement to TEMPRESS low pressure gauges. The Capsule gauge is for measuring air, other nonaggressive gasses, and vacuum within ranges 0-600m.BAR.

### Application

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### Optional specifications

- Bezel (AISI 304) polished.
- Clamp fixing.
- Bezel black.
- Bezel DIN 1.4301 (AISI 304).
- Triangular bezel and fixing clamp.
- Splashproof.
- Measuring system over/underrange protected, 10 times range (>40 m.BAR)
- Connecting thread in accordance with customer requirements.
- Throttle screw.
- Zero-adjustment.
- Special Scales.
- Logo.
- Dual scale psi/m.BAR/Pa.
- Nylon capillary for remote indication.
- Adjustable pointer.
- Externally adjustable memory pointer.
- Built-in Contact Systems (Ø100/160 only).
- Built-in Opto-Electronic Transmitter (Ø100/160 only).
- Capsule Gauge Ø160 only on request.

Specifications	
Case:	Stainless Steel DIN 1.4301(AISI 304) with bayonet locking front
Front:	Stainless Steel DIN 1.4301(AISI 304).
Glass face:	Polycarbonate
Bezel:	Instrument glass
Measuring system:	Copper alloy
Liquid filling	Glycerine
Measuring range:	Capsule measuring element CuBe 2
Connection:	Brass 1/2" BSP bottom connection 22 A/F dia. 63 mm 1/4" BSP, 14 A/F rear center.
Range: Min.: Max.:	DIN 16130. -25/0 m.BAR. 0/600 m.BAR.
Accuracy:	DIN 16130 Class 1.6 (+1.6% of full scale deflection F.S.D.) at ambient temperature +20 deg C Ambient temperature changes result in an indication error of +/- 0.3% F.S.D. per 10 deg C.
Load: Static: Dynamic:	DIN 16005. 100% F.S.D 88% F.S.D.
Temperature DIN 16055 resistance:	Soft solder max. 60 deg C. standards.

TEMPRESS reserves the right to changes without notice

Agent/Dealer:



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**Option:**

- *Remote reading with capillary tube*
- *Built-in contact*
- *Built-in 4-20 mA transmitter*
- *Overrange protection*
- *Certificates*
- *Dry version*

**RANGES:**

Ranges in accordance with DIN 16128

- - 25 – 0 mbar
  - - 40 – +20 mbar
  - - 60 – 0 mbar
  - -100 – 0 mbar
  - -160 – 0 mbar
  - -100 – +150 mbar
  - -150 – +100 mbar
  - -150 – +250 mbar
  - -250 – +150 mbar
  - -200 – +400 mbar
  - -400 – +200 mbar
  - -40 – +60 mbar
  - -600 – 0 mbar
  - 0 – 25 mbar
  - 0 – 40 mbar
  - 0 – 60 mbar
  - 0 – 100 mbar
  - 0 – 160 mbar
  - 0 – 250 mbar
  - 0 – 400 mbar
  - 0 – 600 mbar
- - 20 – +40 mbar
  - - 40 – 0 mbar
  - - 60 – +40 mbar
  - - 60 – +100 mbar
  - -100 – +60 mbar
  - -250 – 0 mbar

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