

OMESS-CALIBRATOR

OME 621



The OME 621 portable calibrator is very convenient and easy to transport. It is used for on-site testing and calibration pressure transducers with very low measuring ranges. The OME 621 is suitable for simulating overpressure and vacuum. The measuring range is 0 ... 10 mbar switchable to 0... 2 mbar.

The OME 621 is equipped with an inductive pressure sensor and 3 1/2-digit LC-Display. The measuring-rate can be switched to different time-intervals. There is a built-in handpump for generate pressure and a variable bellows for the fine adjustment. As an option is an analogue output available.

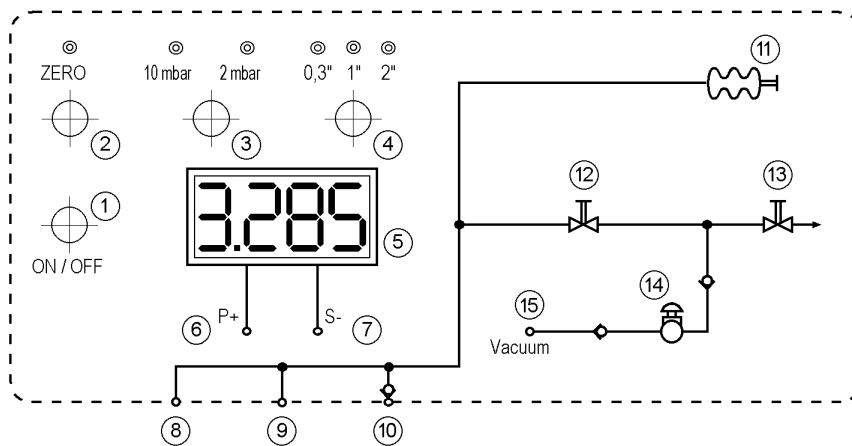
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Technical Data:

Sensor type:	inductive
Measuring range:	0...10 mbar switchable to 0...2 mbar
Measuring rates:	0,3 sec / 1 sec / 2 sec switchable
Error limit:	±0,2% f.s. of the activated range
Hysteresis:	±0,1 % f. s. of the activated range
Test media:	inert gases / instrument air
Pneumatic connections:	for plastic hose diameter 6/4 mm
Operating temperature:	+100 C to +50° C
Storage temperature:	-10 C to +70° C
Power supply:	9 V DC-Battery
Dimensions:	approx 230 x 150 x 190 mm
Weight:	approx. 3 kg

Layout:



1. On/Off switch with LED
2. Zero switch with LED
3. Measuring range switch with LED's
4. Measuring rate switch with LED's
5. LC-Display
6. Overpressure connection "P+"
7. Vacuum connection "S-"
8. Sample connection
9. Pressure distribution
10. Pressure distribution (Quick release couple)
11. Variable bellows
12. Straight-trough valve
13. Vent valve
14. Handpump
15. Vacuum connection (Handpump)

Accessories:

- 2 Replacement union nuts
- 1 plug for quick release couple
- 1 Blank
- 5 m of plastic hose

Options:

- Analogue output 1 V
- Plug-in mains power supply 230 V / 50 Hz
- Overpressure shut-off valve
- Water separator