

Digital pressure gauges, Peak mode LE 1 Series



- Pressure range : -1...+1000 bar
- Accuracy 0,1%
- Ø 76 mm
- 2 modes : Digital gauge or Peak
- Mini / Maxi display
- Atex version in option

APPLICATIONS

LE 1 digital pressure gauges are intended for detecting min/max pressure peaks. Easy to use, they are intended for on-the-fly measurements and verification or calibration tests.

DESCRIPTION

The pressure is measured and displayed 2 times per second. The upper display shows the current pressure and the lower display shows the MAX or MIN pressure since the last RESET.

The PIC mode allows pressure peaks to be measured, the pressure is measured 5000 times per second and is refreshed 2 times per second.

The upper display shows the current pressure and the lower display allows you to select the minimum and maximum pressure.

The ZERO function allows any pressure value to be recorded as a new reference zero. Variations in atmospheric pressure can thus be compensated.

TECHNICAL DETAILS

Measuring range	-1 to 1000 bar
Accuracy	± 0,1 % FS at 20 °C ± 0,2 % FS 0 °C to 50 °C
Display	4,5 digits "min/max" pressure
Measuring rate	Peak mode : 50000/sec, mano mode : 2/sec
Units	Bar, mbar/hPa, kPa, Mpa, PSI, kp/cm ²
Power supply	3V battery (included), CR2430 type. Up to 1000 hours, continuous use, up to 150h Peak mode. Low battery indication
Temperature	Operating : 0...+50 °C Storage : -20...+70 °C Compensated : 0...+50 °C
Protection	IP 65
Display housing	Reinforced plastic
Connection, seal	G 1/4" AISI 316L, FKM
Dial	Ø 76
Weight	210 g
Package	Ship with case



Plastic case



Ship with case

EC Conformity : The instrument meets the legal requirements of the current European Directives



Pression - Température

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26-03-2024

D-807.16-EN-AA

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807-16/1

REFERENCES

Measuring range	Overload limit	Resolution	LE 1 Peak mode	Calibration certificate 6 pts
-1 3 bar	10 bar	1 mbar	879 104	449 022
-1 30 bar	60 bar	10 mbar	879 116	449 022
0 300 bar	400 bar	100 mbar	879 166	449 006
0 700 bar	700 bar	200 mbar	879 171	449 023
0 1000 bar	1000 bar	200 mbar	879 172	449 023

OPTIONS

- Calibration certificate by accredited laboratory :
0 to 700 bar **ref. 449 038**
-1 to 30 bar **ref. 449 039**

- Rubber protective cover : ref. 879 300
- ATEX ExII1G EExiaIICT5 Version : Add A at the end of the reference
- Diaphragm seal mounting on demand
- Hoses, fittings : See doc. couplings and accessories

Note :

Pressure gauge should be protected from any pressure shocks and off limit overloads



Rubber protective cover ref. 879 300

DIMENSIONS [mm]

