SC METROMAT SRL

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KELLER Manometru digital, LEX 1



*Precision : 0,01 %FS**

LEX 1 is a micro-processor controlled, accurate and versatile digital pressure measuring instrument with integrated Max.-/Min.-function for calibration and testing purposes.

The pressure is measured twice per second and displayed. The top display indicates the actual pressure, the bottom display shows the Max.- or Min.-pressure since the last RESET.

LEX 1 has two operating keys. The left key is to turn the instrument on, to select the functions and the pressure units. The right key executes the selected function resp. unit or serves to display the Max.- and Min.-value.

Also available as intrinsically safe version (LEX 1 Ei).

Pressure Ranges	-1...2 bar -1...20 bar

	0...200 bar 0...400 bar 0...1000 bar
Precision *	0,05 %FS
Precision opt. (=20 bar) *	0,025 %FS / 0,01 %FS
Storage- / Operating Temperature	-10...60 °C / 0...50 °C
Protection	IP65

Pressure measurements can be displayed and recorded on PC or Laptop with help of the software ControlCenterSeries30 (CCS30) and a seriel interface cable. Export of recordings to usual file formats possible. Up to 128 devices can be connected together into a KELLER Bus-system.

* Accuracy and Precision

"Accuracy" is an absolute term, "Precision" a relative term. Dead weight testers are primary standards for pressure, where the pressure is defined by the primary values of mass, length and time. Highest class primary standards in national laboratories indicate the uncertainty of their pressure references with 70 to 90 ppM or close to 0,01%.
Commercial dead weight testers as used in our facilities to calibrate the transmitters and manometers indicate an uncertainty or accuracy of 0,025 %. Below these levels, KELLER use the expression "Precision" as the ability of a pressure transmitter or manometer to be at each pressure point within 0.01 %FS relative to these commercial standards. The manometer's full-scale output can be set up to match any standard of your choice by correcting the gain with a calibration software.

NOTA: Aceasta fisa a fost realizata sub rezerva modificarilor ulterioare de ordin tehnic sau a erorilor de editare.

Fotografia are caracter informativ.

NOTE: Products and specifications are subject to change without prior notice .Pictures may differ from original.