



Pressure

G A U G E S / M A N O M E T E R S

Keller America offers a variety of digital pressure gauges designed to meet the changing demands in the pressure measurement applications you may encounter. Keller combines proven pressure measurement technology with state-of-the-art electronics to provide outstanding reliability and accuracy over temperature.

Keller digital pressure gauges (a.k.a. digital manometers) are a cost-effective solution in any pressure monitoring scenario where a local display is required. These instruments are commonly used as fuel pressure gauges, water pressure gauges, air pressure gauges, and oil pressure gauges. Almost any installation previously utilizing mechanical or hydraulic pressure gauges can benefit from an upgrade to Keller technology.

This reference provides an overview of the digital pressure gauges Keller offers. For more detailed specifications, click on the product name to be directed to the product-specific data sheet. If you have any questions, or would like to discuss your particular application in more detail, contact Keller America today!



[ECO-1 - Digital gauge with max/min function](#)

$\pm 0.5\%$ FS TEB typical accuracy ($\pm 1\%$ FS TEB max.)

Available ranges: -1...30 bar and 0...300 bar

7/16"-20 UNF pressure connection with 1/4" NPT or G1/4" adapter

2X per second measurement rate

Battery powered, 1000 hours of continuous operation

Intrinsically safe (ATEX) version available



[LEO-2 - High accuracy digital gauge with max/min function](#)

$\pm 0.2\%$ FS TEB accuracy ($\pm 0.1\%$ FS at room temperature)

Available ranges: -1...3 bar, -1...30 bar, 0...300 bar, 0...700bar

User selectable display units (bar, mbar/hPa, MPa, PSI, kp/cm²)

7/16"-20 UNF pressure connection with 1/4" NPT or G1/4" adapter

2X per second measurement rate

Battery powered, 1000 hours of continuous operation

Intrinsically safe (ATEX) version available

K E L L E R A M E R I C A I N C

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LEO-1 - Digital gauge with fast-peak measurement rate

$\pm 0.2\%$ FS TEB accuracy ($\pm 0.1\%$ FS at room temperature)
Available ranges: -1...3 bar, -1...30 bar, 0...300 bar, 700 bar and 1000 bar
1/4" NPT or G1/4" male pressure connection
User selectable display units (bar, mbar/hPa, MPa, PSI, kp/cm²)
Peak measuring rate: 5kHz in peak mode
Battery powered: Cont. operation: 1000 hrs (mano mode), 150 hrs (peak)
Intrinsically safe (ATEX) version available



LEO-3 - Digital pressure transmitter with digital indication

$\pm 0.2\%$ FS TEB accuracy ($\pm 0.1\%$ FS at room temperature)
Available ranges: -1...3 bar, -1...30 bar, 0...300 bar, 70 bar and 1000 bar
1/4" NPT or G1/4" male pressure connection
User selectable display units (bar, mbar/hPa, MPa, PSI, kp/cm²)
Programmable 4...20mA analog output.
Externally powered through 4...20mA current loop
Intrinsically safe (ATEX) version available



LEO-Record - Digital gauge with record function

$\pm 0.1\%$ FS TEB accuracy
Available ranges from 0...30mbar up to 0...2000 bar
1/4" NPT or G1/4" male pressure connection
User selectable display units (bar, mbar/hPa, MPa, PSI, kp/cm², mH₂O)
Adjustable measurement rate - up to 1 X second
Battery powered: up to 2 years at 1 record every 10 seconds
Intrinsically safe (ATEX) version available



LEX-1 - Highly precise digital pressure gauge

$\pm 0.05\%$ FS TEB accuracy, $\pm 0.05\%$ precision
Available ranges: -1...2 bar, -1...20 bar, 0...200 bar, 400 bar and 1000 bar
1/4" NPT or G1/4" male pressure connection
User selectable display units (see data sheet)
Battery powered, 2000 hours of continuous operation
Intrinsically safe (ATEX) version available

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