



- Relative pressure
- Absolute pressure
- Vacuum
- Combined ranges
- Differential pressure

DR72

Digital process and calibration pressure gauge

The DR72 series of digital pressure gauges represents a new technological leap in Gometrics' long history as a manufacturer of this type of instrument. The DR72 is an innovative, accurate, detail-designed, versatile and communication-capable product.

The DR72 series offers a twofold alternative for use: a process pressure gauge/vacuum gauge on the one hand and a standard reference instrument for calibration tasks on the other. Its features of precision, stability over time, autonomy and communications make it the ideal instrument for a wide range of industrial applications.

The device incorporates a pressure sensor with overlapping ranges from vacuum to 350 bar. The material in contact is AISI 316 stainless steel for pressures above 1 bar and therefore admits liquids or gases compatible with this material. For lower pressures it is only suitable for inert gases.

The DR72 series is equipped with a front cover that incorporates a touchpad for on/off/zero/setup states. The manometer offers a wide range of features such as auto shutdown time, maximum and minimum readings, engineering unit changeover, tare, alarms, password and additional functions configurable from the keypad itself.

The manometer is encapsulated in a 110 mm diameter 316 stainless steel case with a housing for three AA-size batteries that illuminate a large 350-segment LED display for a highly visible, backlit LED numeric and alphanumeric display.

It has an external 24 Vdc power input to facilitate its installation in process. In addition, the DR72 can be supplied with 4-20 mA analog output or configured as a slave in a network of sensors connected via the MODBUS RTU RS-485 protocol, which gives the DR72 perfect scalability in distributed control systems (DCS).

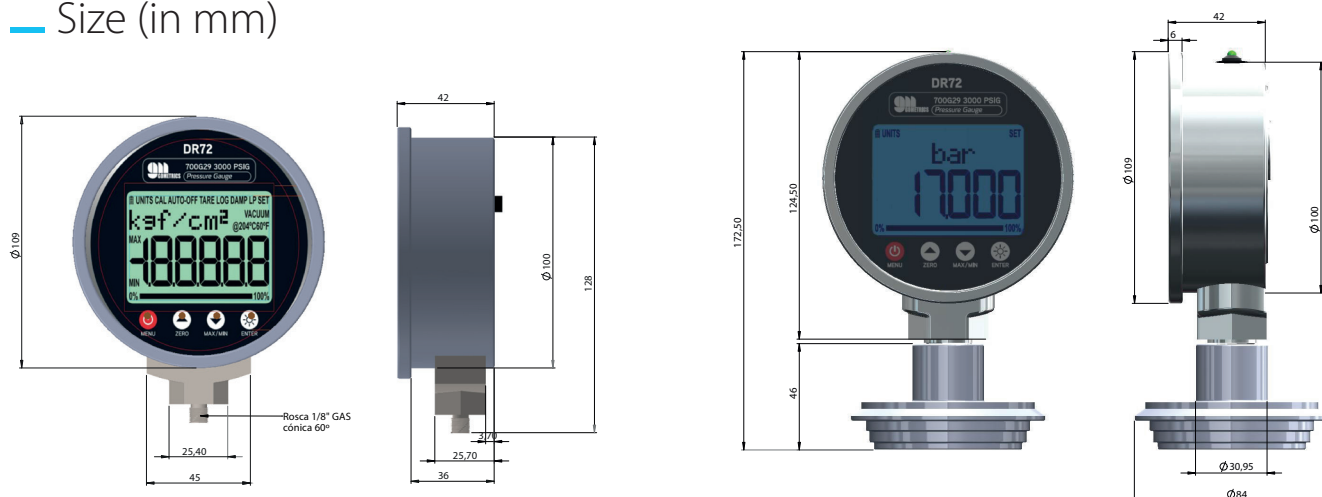


A product manufactured and marketed by



DR72. Digital process and calibration pressure gauge

Size (in mm)



Technical characteristics

Presentation	110 mm x 50 mm stainless steel case
Input signal	Pressure
Interval	From -1 to 350 bar (higher range pls ask)
Accuracy	0.10% FS – 0.05% FS
Resolution	5 ½ digits, 21mm high (max. reading 199999)
Fluid in contact	Compatible with stainless steel 316 (for ranges > 1 bar)
Connection	1/8" BSP M 60° - 1/4" NPT M - 1/2" BSP M - CLAMP (adaptors available)
Screen	350 segments LCD, with backlighting LED blue
Units	Multiple selectable by user menu
Power supply	Batteries 3 x AA (LR6) alkaline + external power 10 to 30 Vcc
Autonomy	1200h (in operation without backlight)
Advanced features	Max/min, alarm, tare, password, leak test
Protection	IP65
Storage temperature	-10°C to 60°C
Ambient temperature	-10°C to 60°C
Process temperature	-10°C to 100°C (higher reqmnt. please ask)
Relative humidity	0 to 95% non-condensed
Accessories	Supplied with batteries, instruction manual in English, connection cables and factory calibration certificate (optional: EN17025 certificate)
Warranty	2 years

Available types

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Options

- Datalogger function
- Transmitter function 4-20 mA
- Switch output (contact SPST)
- Communications ModBus RTU RS-485
- LED alarm display
- Wireless link
- Accredited certificate EN17025 (ENAC)



AVAILABLE ALSO WITH CLAMP CONNECTION