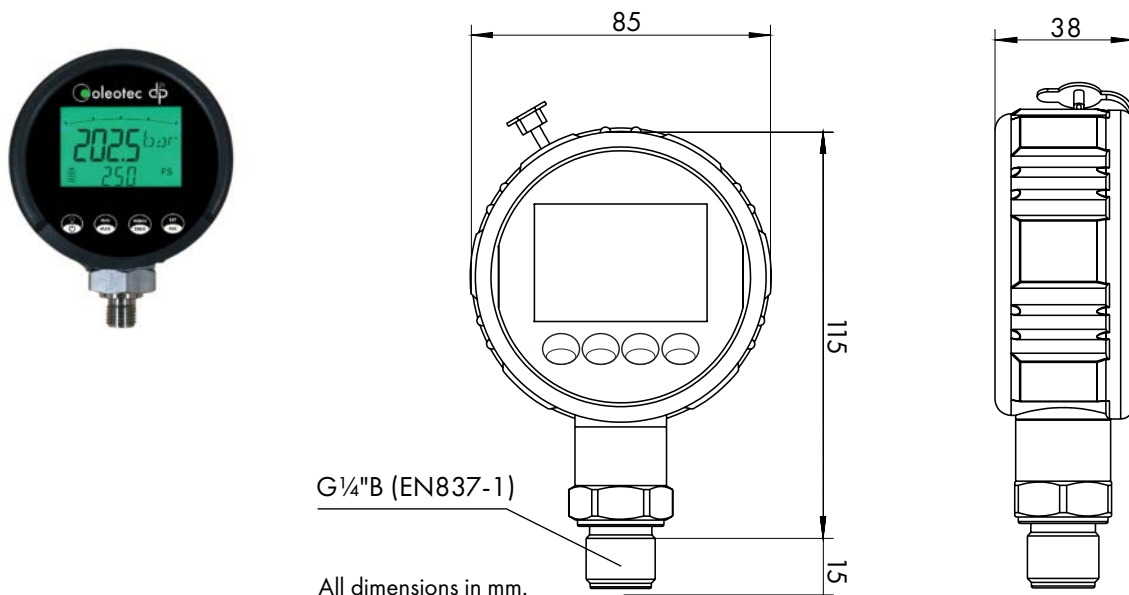


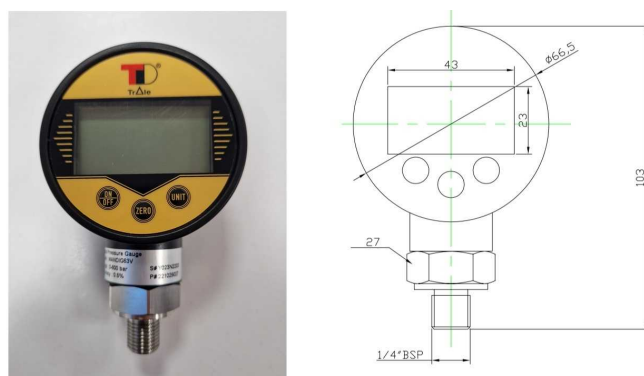
DP1

MANOMETRO DIGITALE DIGITAL PRESSURE GAUGE



ARTICOLI

05.MDDP1.000060	DP1 -60	0...60 bar	10 mbar
05.MDDP1.000250	DP1 -250	0...250 bar	100 mbar
05.MDDP1.000400	DP1 -400	0...400 bar	100 mbar
05.MDDP1.000700	DP1 -700	0...700 bar	100 mbar



Codice	R1	Misura	Scala (bar)	P(IP)
05.MANDIG.63V00600	1/4" BSP	2-1/2"(63mm)	0 + 600	IP54

Technical data MDDP1

Pressure ranges	Between -1...1000 bar
Accuracy $\pm$ (% of full scale pressure value)(FS)	0.2%
Pressure units	bar/mbar, kPa/MPa, PSI, kg/cm ² , mH ₂ O, inH ₂ O, ATM
Display type	Multifunctional LCD, 4 1/2 digit, with background lighting
Display functions	Bar graph, pressure unit, display filter, MIN/MAX value, Overpressure indicator 110% of full scale pressure value (FS)
Pressure measuring cell	≤ 10 bar piezo resistive, ≥ 20 bar thin film strain gauge
Temperature compensation	0...50 °C
Temperature error	0.005% of full scale pressure value (FS) / K
Connection type	G 1/4" EN 837
Process connection material	Stainless steel 1.4404
Medium temperature	-20...80 °C
Housing connection	270° axially rotatable
Degree of protection DIN EN 60529	IP67
Dimensions	Ø 90 mm, D=45mm H=120mm with protection cap
Materials	Cast zinc with protection cap made of TPE
Ambient conditions	0...50 °C with air humidity ≤ 85 % r.h.
Weight	540 g
Auto-off function	Selectable switch-off time 5 minutes
Battery type	3x 1.5 V AAA
Battery operation	1500h
Datalogger max. data sets	27000 per recording series
Datalogger record series	1...10
Max. recording duration	48 h
Data set information	time / actual pressure / MIN/MAX value
Digital data transmission	serial USB 2.0 via USB-C port
PC software	Detection as USB data storage device, spreadsheet program (Excel)
File format	.csv
Mobile device software	Compatible with DataPressure Bluetooth iOS and Android apps for display and datalogging
Certificate (optional)	UKAS traceable certificate, works test certificate

Datalogger function

- 10 recording series possible.
- 27,000 data sets per recording series.
- Each data record contains time, date, actual pressure, and MIN/MAX value.
- A total of 640 MIN/MAX measurements are recorded between two storages with a storage rate of e.g. 6.4 seconds at a measuring rate of 10 ms. Any irregularities occurring due to pressure drop or pressure peaks are detected as MIN/MAX valued and stored in the data set.
- Summary of all MIN/MAX values per record series
- Plug & Play USB connection means no additional drivers or software required.
- Data stored and transferred in CSV (plain text) format so no need for conversion.
Open directly in spreadsheets or databases (MS Excel, MS Access, Apple Numbers, LibreOffice, OpenOffice, etc).
- Intelligent automatic measuring intervals mean the time between data-sets (storage rate) is selected automatically depending on the recording duration (see table below).

Kit contents

- DP1 digital datalogging gauge.
- Robust protective plastic carry-case.
- USB data stick for storage of CSV data files.
- USB-C to USB-A connecting cable for data transfer to PC/laptop and software updates.

DataPressure Bluetooth App



The **DataPressure Bluetooth App** is the quickest and easiest way to add real-time pressure and temperature monitoring and advanced data logging to your system. Our intuitive, wireless technology puts everything in your hands via your smartphone. The gauges connect seamlessly to the free **DataPressure Bluetooth App**, available on iOS and Android, allowing real-time monitoring and data tracking anytime, anywhere. Whether optimising efficiency or ensuring safety, this app offers a smart and convenient solution for modern, hassle-free pressure management.