

Intelligent digital pressure gauge series ODi-5G

Digital precision pressure gauge
with 5-digit LCD display

General features

- Battery-operated precision digital pressure gauge
- Accuracy class 0.4%
- Backlight
- Min/Max reading memory
- Bar graph
- Large 5-digit display
- Standard battery 3 x AA (not included)
- Connection below G 1/2" stainless steel
- Stainless steel case
- Unit : MPa, bar, PSI, mbar, kgf/cm², kPa, mmHg, mH₂O, Torr

Application area

- Hydraulics, pneumatics, water and sewage technology, plant and equipment mechanical engineering, laboratory technology, etc.



General specification

Dial size
100 mm

Pressure ranges
0...50 mbar to 0...1000 bar

Accuracy class
Accuracy 0.4% of FS

Long-term stability
Typical $\pm 0.2\%$ FS / year

Temperature
operating temperature
-10...60 °C
compensation temperature
18...30 °C

Electrical protection
EN61326

Material of pressure sensor
SUS 304, corresponds to 1.4301

Material of seals
NBR < 60 bar, FKM $\geq$ 60 bar

Material of case / connection
SUS 304, corresponds to 1.4301

Intelligent digital pressure gauge, series ODi-5G

Sampling rate
5 times / second

Overload capacity
150%
120%

Measuring medium
Gas, water, oil and the VA alloys
do not attack and are not highly viscous
< 40 bar

Power supply $\geq$ 40 bar
AA battery x 3

Battery life
12 month

Degree of protection
IP 50 (IP 54 with protection sleeve)

Process connection
PF 1/2" according EN 837-1 (Standard)
on request : NPT 1/2", M20 x 1.5

Weight
Approx. 400 g

Option
Plastic case



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Ordering information

Model code

ODI

5G

Process connection

G2 : PF 1/2"

N2 : NPT 1/2"

M20 : M20 x 1.5

Pressure range

Refer to pressure range table

Pressure range code, unit bar

Code	Range	in stock	Code	Range	in stock	Code	Range	in stock
R129	0...50 mbar		R19	-1...0		R23	0...1	
R131	0...100 mbar		R16	-1...1		R26	0...1.6	
R135	0...250 mbar		R08	-1...10		R28	0...2.5	
R138	0...500 mbar		R04	-1...25		R30	0...4	
R106	-50...50 mbar					R32	0...6	
R116	-100...100 mbar					R33	0...10	
R122	-500...500 mbar					R35	0...16	○
						R37	0...25	
						R39	0...40	○
						R41	0...60	
						R43	0...100	○
						R45	0...160	
						R47	0...250	○
						R50	0...400	
						R53	0...600	○
						R55	0...1000	

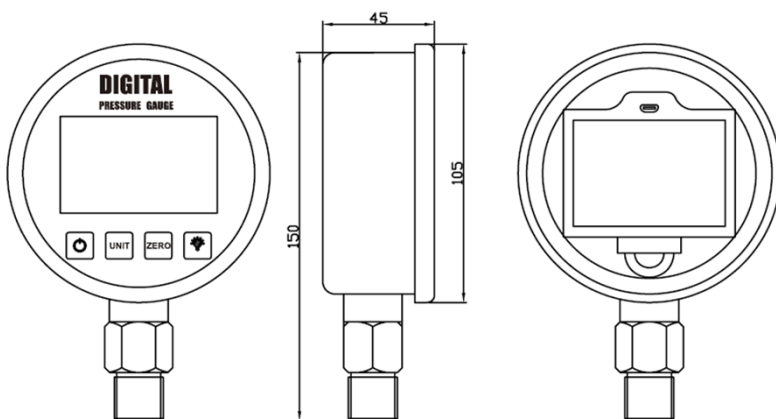
How to order

ODI-5G-G2-R39

ODi-5G, 100mm, PF 1/2", 0...40 bar

Outline drawing

ODi-5G



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