

# Intelligent digital pressure gauge series ODi-5H

Digital precision pressure gauge  
with 5-digit LCD display

## General features

- Battery-operated precision digital pressure gauge
- Accuracy class 0.2%
- 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/cm<sup>2</sup>, kPa, mmHg, mH<sub>2</sub>O, 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 0.2% 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-5H

### 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  $\geq$  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** — **5H** — [ ] — [ ]

### 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	Code	Range	Code	Range
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-5H-G2-R39

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

## Outline drawing

### ODi-5H

