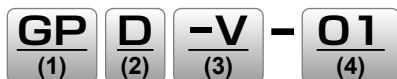


Battery-operated Digital Pressure Gauge

! Safety instructions for this product

Safety instructions, Common safety instructions for each product category and Detailed safety instructions for each product are in the end of this catalog and our website.

Model Designation (Example)



(1) Pressure Gauge

(2) Type

D : Digital display

(3) Rated pressure range

Code	-V	No code
Type	Negative (-101 to 0kPa)	Positive (0.000 to 1.000MPa)

(4) Connection type and size

Code	01		N1	
Type	O.D.: Taper pipe thread	I.D.: Metric thread	O.D.: National pipe thread tapered	Unified thread
Size	R1/8	M5×0.8	NPT1/8	10-32UNF

Characteristics

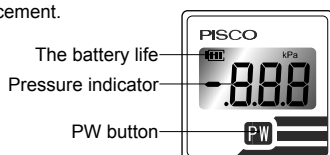
Digital display allows ease of reading.

Power saving mode achieves a battery life of about 3 years.

Just push the button to display the pressure value. The battery is expected to last about 3 years when pressure value displayed at 5 times a day basis.

Visible indication of battery replacement time.

Battery level indicator blinks to notify when battery level becomes low. Only a flat-blade screwdriver (1.4 mm width) is necessary for the battery replacement.



Specifications

Model code	GPD-V-01(Negative)	GPD-01(Positive)
Rated pressure range	-101 to 0kPa	0.000 to 1.000MPa
Indicated press. range	-101 to 10kPa(*3)	-0.100 to 1.000MPa(*12)
Proof pressure	300kPa	1.5MPa
Fluid medium	Air, non-corrosive / non-flammable gas	
Pressure resolution	kPa	1
	MPa	—
		0.001
Battery	CR 2032 lithium battery	
Battery life	About 3 years (at 5 times indication/day)	
Low-power indicator	Equipped	
Battery replaceability	Possible	
Turn-on interval	Display turns off after 60 sec.	
Sampling rate	2Hz(2 times/sec.)	
Repeatability	≤ ±1% F.S. ±1 digit	≤ ±0.2% F.S. ±1 digit
LCD display	7 segments, 3.5 digits	
Indication accuracy	±2% F.S. ±1 digit max (ambient temperature: 25 ±3 °C)	
Protective structure	Equivalent to IP65 (* 4)	
Ambient temp. range	Operation: 0 to 50 °C, Storage: -10 to 60 °C (no dew condensation or freezing)	
Ambient hum. range	Operation/Storage: 35 to 85% RH (no dew condensation)	
Vibration resistance	Total amplitude 1.5 mm or 100 m/s ² 10Hz-55Hz-10Hz scan for 1 min., two hours each direction of X, Y and Z.	
Shock resistance	100 m/s ² , 3 times each in direction of X, Y and Z	
Temperature characteristics	± 2% F.S. of detected pressure (25°C)	
Weight	About 40 g (including battery)	

*1 The indication at the time of applying negative pressure is as Fig.1 and Fig. 2.

*2 Indicator accuracy is not guaranteed for the pressure range -0.1 to 0 MPa.

*3 Indicator accuracy is not guaranteed for the pressure range 0 to 10 kPa.

*4 A tube must be inserted into the air release port (Fig.3) to secure IP65.

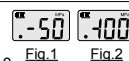


Fig.1 Fig.2

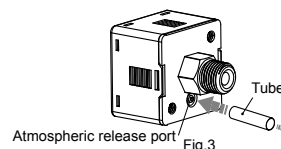
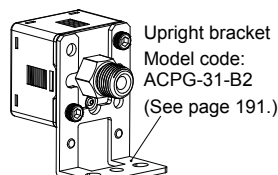
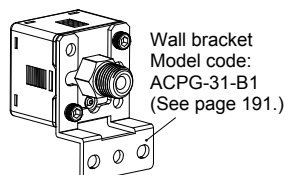


Fig.3

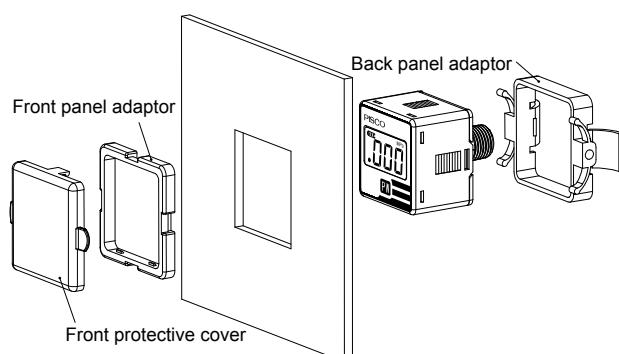
Various accessories

■ Bracket



■ Panel adaptor

Model code for panel adaptor set without front protective cover: ACPG-31-P1 (See page 191) :
Model code for panel adaptor set with front protective cover: ACPG-31-P2 (See page 191) :



RoHS2 (2011/65/EU+EU2015/863) compliant



Type	Model code
Battery-operated Pressure Gauge	GPD-3-01
	GPD-3-N1



Notes

*1 For 3 in model code, please select a code for the rated pressure range, referring to the Model Designation (Example).



CAD data is available at PISCO website.



Packaging specifications
1 pc./bag