

MPG-60 series

DIGITAL PRESSURE GAUGE



Features

- 4 user programmable pressure units (MPa, kgf/cm², psi, bar) available.
- Battery powered.
- Easy / fast read out with digital display.
- Power saving mode.
- Back light option.
- IP65 enclosure, dust and splash-proof.

Specification

Model		MPG-60P	MPG-60P-L
Operating pressure range		0.000 ~ 1.000 MPa	
Proof pressure		1.5 MPa	
Medium		Air, Non-corrosive gases ,incombustible gases	
Set pressure resolution	MPa	0.001	
	kgf/cm ²	0.01	
	bar	0.01	
	psi	0.1	
Battery / Battery replaceable		CR 2032 lithium / Yes	
Battery life		3 years (5 times/day)	1 year (5 times/day)
Low-power indicator		Yes	
Back light		No	Yes
Turn-on interval		Display turn off after 30 sec.	
Sampling rate		2 Hz (2 times/sec.)	
Repeatability		≤ ±0.2% F.S. ±1 digit	
LCD display		7 segment, 3-1/2 digit	
Indicator accuracy		≤ ±2% F.S. ±1 digit (ambient temperature: 25 ±3 °C)	
Environment	Enclosure	IP65*	
	Ambient temp. range	Operation: 0 ~ 50 °C, storage: -10 ~ 60 °C (No condensation or freezing)	
	Ambient humidity range	Operation/Storage: 35 ~ 85% RH (No condensation)	
	Vibration	Total amplitude 1.5mm or 10G, 10Hz-55Hz-10Hz scan for 1 minute, two hours each direction of X, Y and Z	
Shock		100m/s ² (10G), 3 times each in direction of X, Y and Z	
Temperature characteristic		≤ ±2% F.S. of detected pressure (25°C) at temp. range of 0~50°C	
Weight		Approx. 40g	

* Air tube must be installed to maintain IP65.

Order example

MPG-60P-L-F1

MODEL

PRESSURE RANGE
P: Positive

BACK LIGHT
Blank : Back light unavailable
L : Back light available

PRESSURE PORT

F1: R1/8, M5
F2: NPT1/8, 10-32 UNF
F3: G1/8, M5
F4: R1/4, M5
F5: NPT1/4, 10-32 UNF
F6: G1/4, M5

Mounting accessories

MP-A6

MODEL

OPTION PARTS

A5: Mounting bracket (BT-5)
A6: Mounting bracket (BT-6)
B2: Panel adapter (PA-C)
C2: Panel adapter + Front protective lid (PA-D)



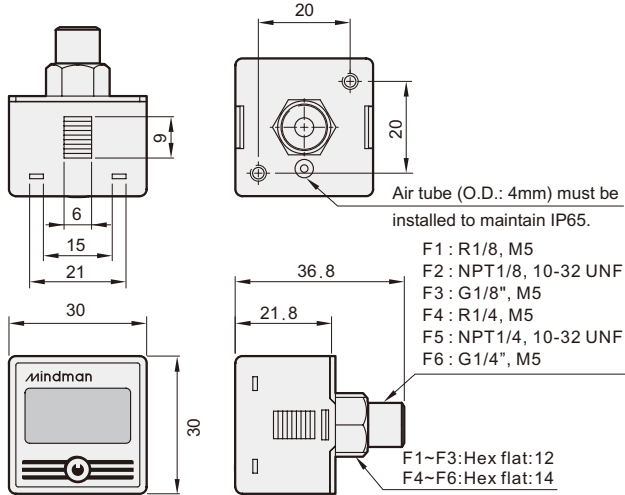
MPG-60 Dimensions

DIGITAL PRESSURE GAUGE

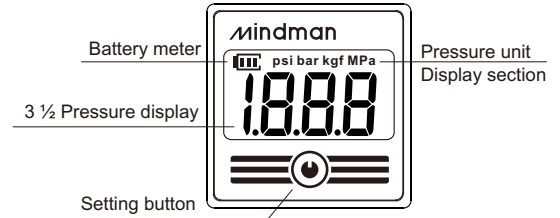


Mindman

Dimension Unit: mm

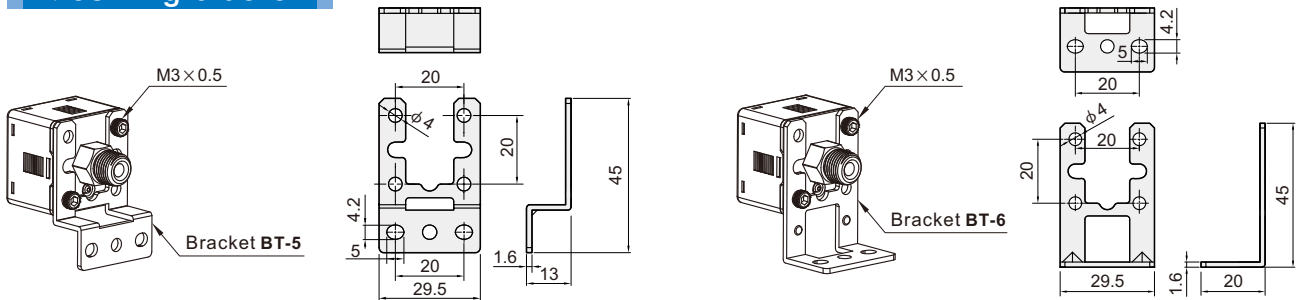


Panel instructions

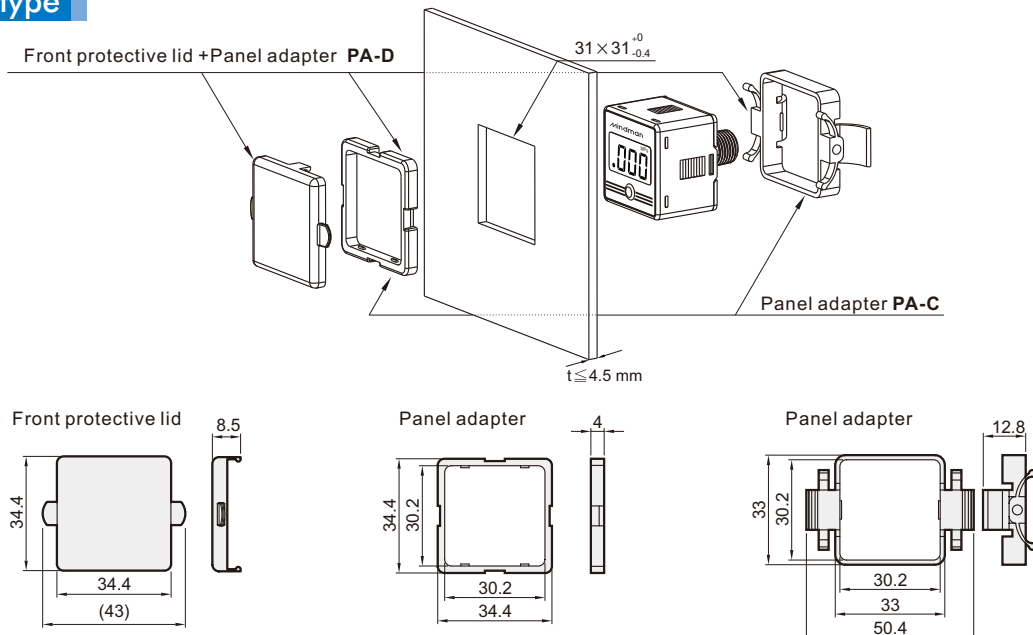


Mounting accessories

Mounting bracket



Panel type



Mindman