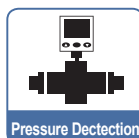


KP60 SERIES

Battery Pressure Gauge

Features

- Digital pressure gauge with battery power
- Programmable pressure unit :
kPa、MPa、kgf / cm²、bar、psi、mmHg
- Power save function
- Battery meter displayed on LCD
- Backlight type available
- IP65 enclosure



Patented

Battery Meter



Specifications

MODEL		KP60V (Vacuum)	KP60VL (Vacuum)	KP60P (Positive)	KP60PL (Positive)
1.000 MPa 0 -101 kPa					
Rated Pressure Range		0 ~ -101 kPa		0.000 ~ 1.000 MPa	
Display Pressure Range		10 ~ -101 kPa		-0.100 ~ 1.000 MPa	
Withstand Pressure		300 kPa		1.5 MPa	
Applicable Fluid		Filtered air, incombustible and non-corrosive gases			
Pressure Resolution	kPa	1		-	
	MPa	-		0.001	
	kgf / cm ²	-		0.01	
	bar	0.01		0.01	
	psi	0.1		0.1	
	mmHg	1		-	
Battery		CR 2032 lithium			
Back Light		No	Yes	No	Yes
Battery Life		3 years (5 times / day)	1 year (5 times / day)	3 years (5 times / day)	1 year (5 times / day)
Low-Power Indicator		Yes			
Battery Replaceable		Yes			
Turn-On Interval		Display turn off after 60 sec.			
Sampling Rate		2 Hz (2 times / sec.)			
Programmable Pressure Unit		psi, bar, mmHg, kPa		psi, bar, kgf / cm ² , MPa	
Repeatability		±1 % F.S. ±1 digit		±0.2 % F.S. ±1 digit	
Display		3 ½ digital, 7 segment LCD display (Black)			
Indicator Accuracy		±2 % F.S. ±1 digit (ambient temperature : 25 ±3 °C)			
Environment	Enclosure	IP 65 *1			
	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 1.5 mm or 10 G, 10 Hz - 55 Hz - 10 Hz scan for 1 minute, two hours each direction of X, Y and Z			
	Shock	100 m/s ² (10 G), 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			
Port Size		F1 : R1/8", M5 ; F2 : NPT1/8"NPT, #10-32 UNF ; F3 : G1/8"(BSPP), M5 ; F4 : R1/4", M5 ; F5 : NPT1/4", #10-32 UNF ; F6 : G1/4"(BSPP), M5			
Weight		Approx. 40 g			

NOTE :

*1 : Air tube must be installed to maintain IP65.

Ordering Information

K P 6 0 **P** - F 1

Pressure Range

V : Vacuum (10 ~ -101 kPa)
P : Positive (-0.100 ~ 1.000 MPa)

Back Light

Blank : Back light unavailable
L : Back light available

Optional Parts

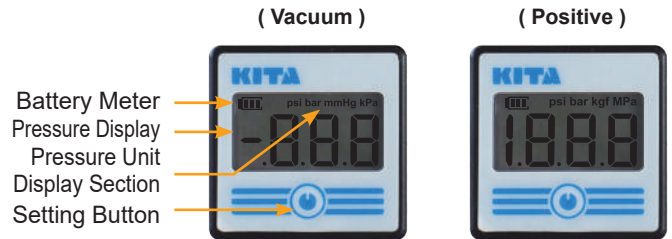
BT-5 : Mounting bracket PA-C : Panel adapter
BT-6 : Mounting bracket PA-D : Panel adapter + Front protective lid

Optional Parts

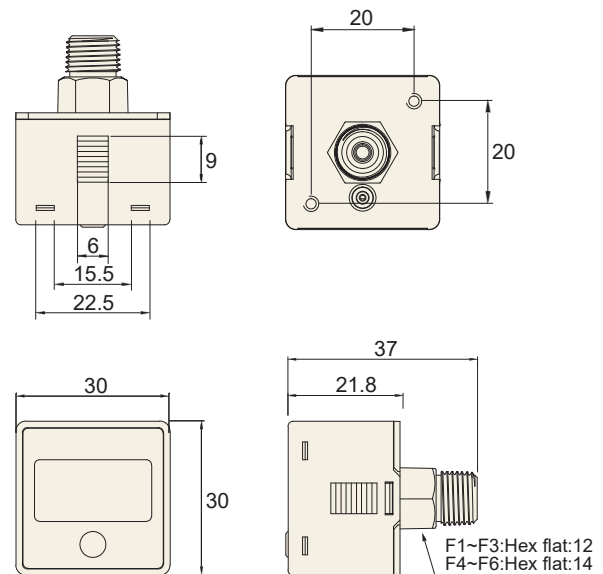
■ Mounting Bracket : BT-5 / BT-6 ■ Panel Adapter : PA-C ■ Panel adapter + Front protective lid : PA-D



Panel Description

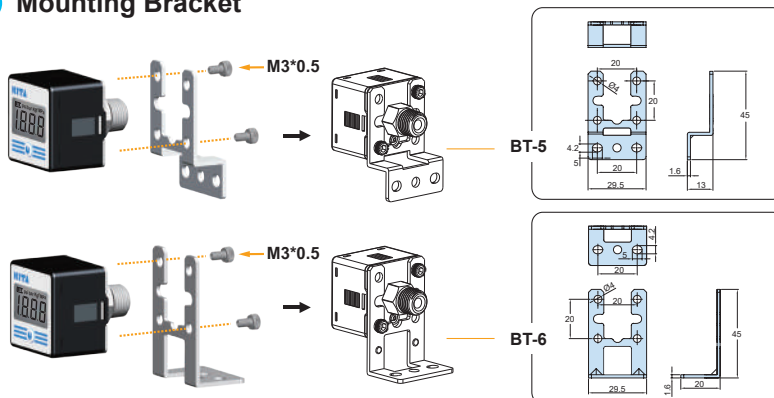


Dimensions

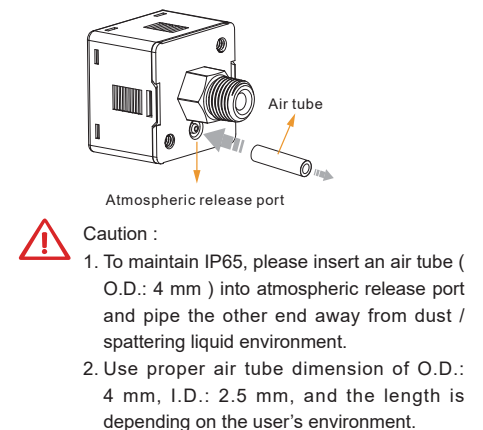


Optional Parts Dimensions

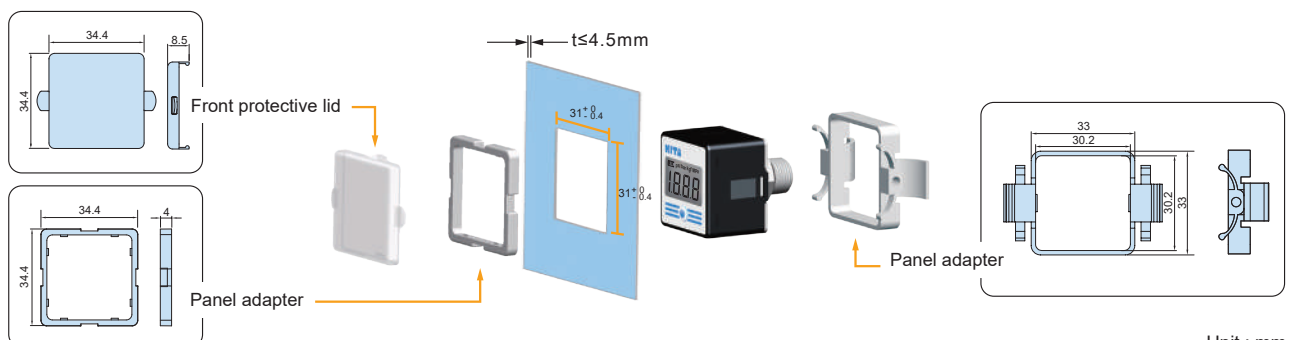
1 Mounting Bracket



3 IP65 Protector



2 Panel Mount Adapter + Front Protective Lid



Unit : mm