

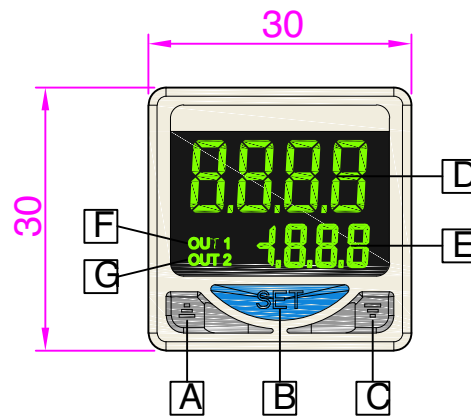


Precautions

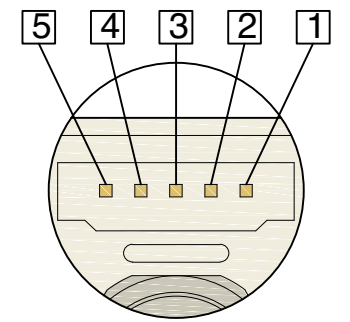
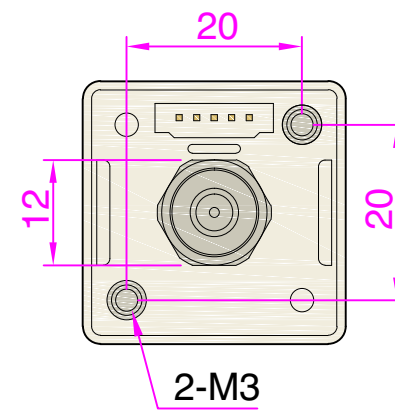
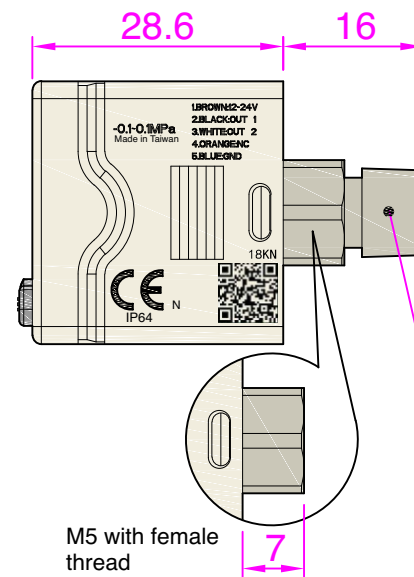
- Do not drop, knock or apply excessive impact while handling. Otherwise could cause damage and a malfunction.
- The tensile strength of the cord is 60N. Applying a greater pulling force on it can cause a malfunction.
- Do not exceed the screw-in torque of 7N·m when installing piping. Exceeding this value may cause malfunctioning of the sensor.
- Do not use it with corrosive and/or flammable gases or liquids.
- Please use it within rated pressure range.
- Turn off the power before connecting the wires.
- Don't use in an environment with spattering liquid of oil or solvent.
- Separate power lines from high voltage lines, avoiding wiring in the same conduit with these lines.

Specifications

Model		884624
Input power	Voltage	12 to 24VDC $\pm 10\%$, Ripple(p-p) $\leq 10\%$
	Current consumption	45 mA or less
Pressure range	fluid type	Non-corrosive gas
	Measurement range	100kPa to 1000kPa
	Withstand pressure	1500kPa
	Measurement error	$\pm 2\%$ F.S. ± 1 digit
	Repeatability accuracy	$\pm 0.2\%$ F.S.
	Temperature error	$\pm 3\%$ F.S. (Base 25°C, Range 0 to 50°C)
Display	Display Type	Double row LCD display
	Output	4-digit measurement, 3.5-digit setting
	Color	2-color LCD (Red/Green)
	Display period	100ms、250ms、500ms、1000ms
Switch output	Output group	Built-in two sets of PNP output 5 meter cable
	Transistor output	PNP: Maximum applied voltage 30V/100mA, Retained voltage <1.5V
	Response time	2ms、20ms、50ms、100ms、250ms、 500ms、1000ms、2500ms、5000ms
	Hysteresis	1、2、3...8(kPa)
	Output mode	Basic mode, Hysteresis mode, Window comparator mode
Pressure Unit	MPa、kPa、kgf/cm ² 、bar、psi、cmHg、inHg	
Vibration resistance	10 to 500Hz with 10mm Amplitude in X, Y, Z directions for 2hrs	
Impact resistance	Maximum 100m/s ² , X, Y, Z directions 3 times each	
Operating Temp. range	0°C to +50°C	
Stored Temp. range	-20°C to +65°C	
Humidity range	35% to 80% RH(No condensation)	



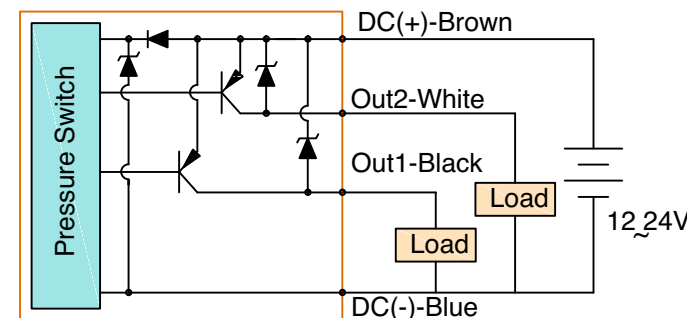
- A. Value up button
B. Setting button
C. Value Down button
D. Pressure display area
E. Set pressure display area
F. Output 1 indicator light
G. Output 2 indicator light



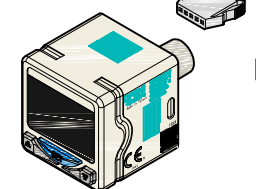
1. DC(+) input (Brown)
2. OUT1 (Black)
3. OUT2 (White)
4. Retention (Orange)
5. DC(-) input (Blue)

Model Description

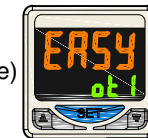
PNP Output



1. Install the connector
2. Turn on the power



(Basic mode)



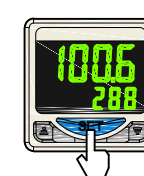
User Interface Instructions

(Basic mode)



(Measurement mode)

Press the SET button for two seconds
Interface switch
Press the SET button for two seconds

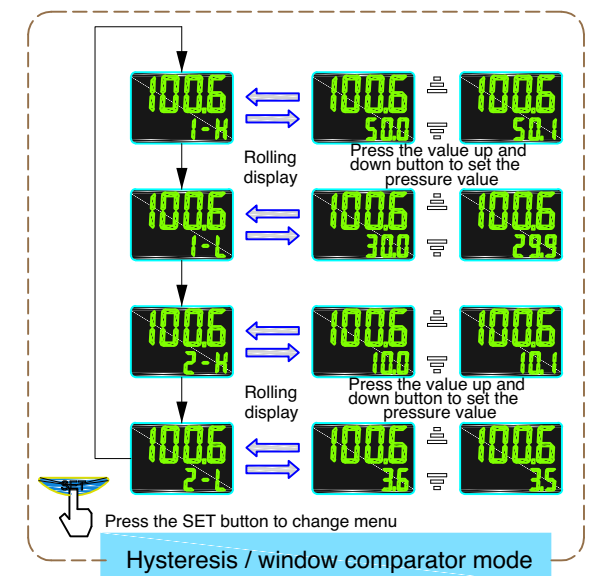
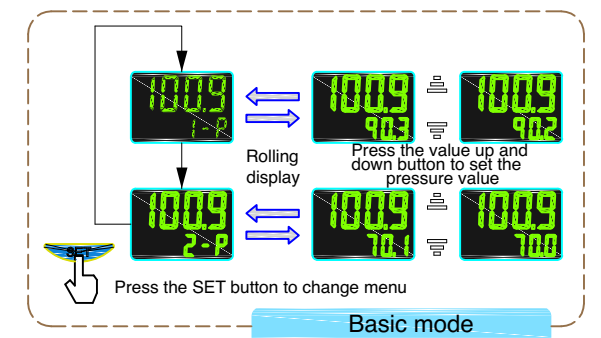
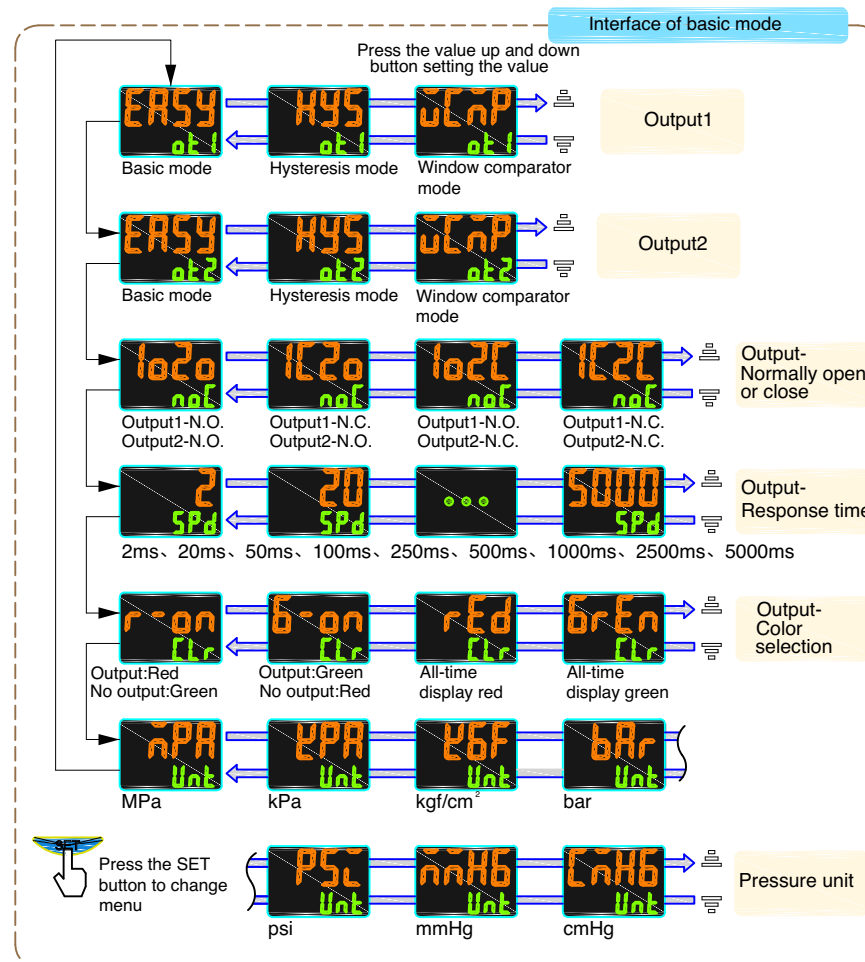


(Advanced mode)

Press the SET button for four seconds
Interface switch
Press the SET button for two seconds

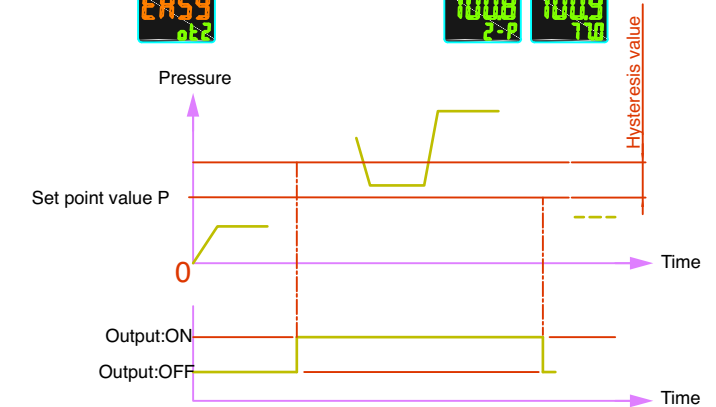


(Measurement mode)



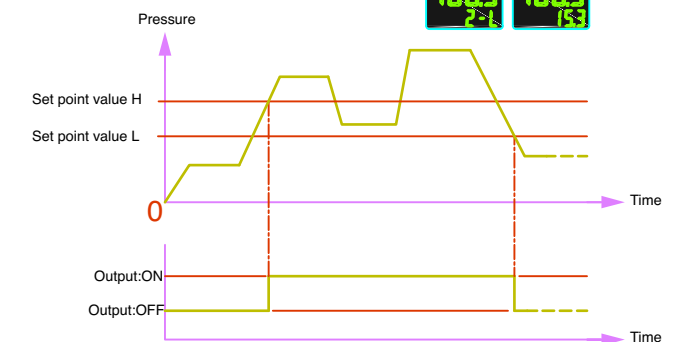
- **Basic mode:** Set the pressure value P. When the applied pressure value is greater than P + hysteresis value, the display will ON. When the applied pressure value is less than P + hysteresis value, the display will OFF.

Mode setting- Pressure setting- Hysteresis value-



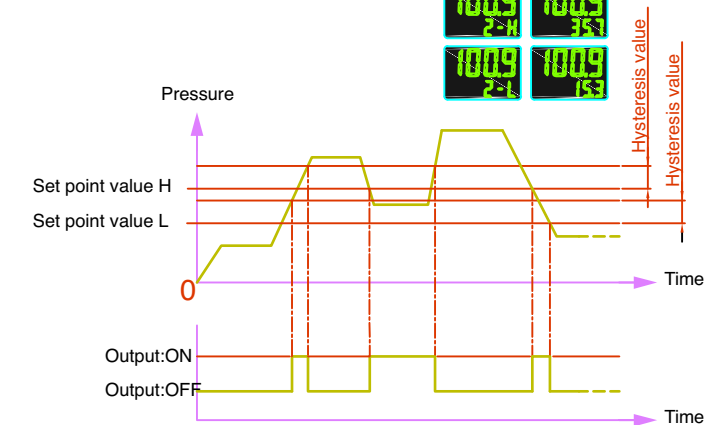
- **Hysteresis mode:** Set the pressure value H/L. When the applied pressure value is greater than H, the display will ON. When the applied pressure is less than L, the display will OFF.

Mode setting- Pressure setting-



■ Window comparator mode: Set the pressure value H/L. When the applied pressure value is greater than $H + \text{hysteresis value}$ or less than L, the display will OFF. When the applied pressure value is less than $L + \text{hysteresis value}$, the display will ON.

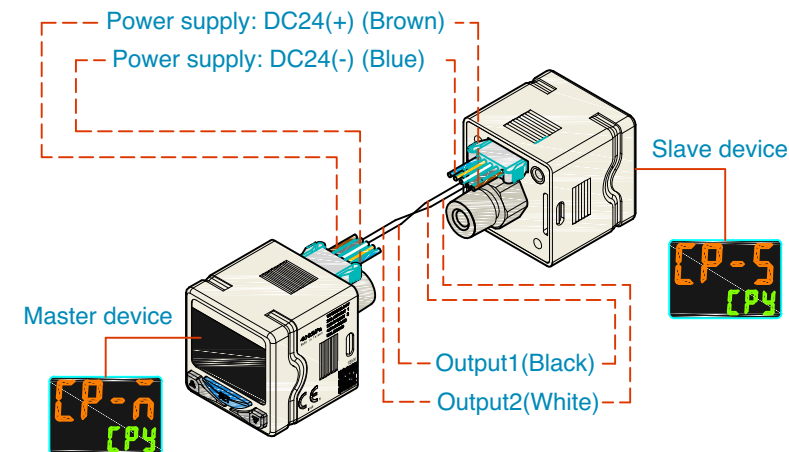
Mode setting-  Pressure setting-  Hysteresis value- 



 Hysteresis value -High pressure(1000kPa) Unit:1kPa
-Low pressure(100kPa) Unit:0.1kPa

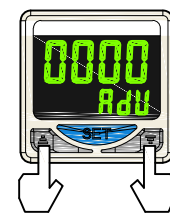
Copy Function

1. Hardware: Connect the second pin of master device with the third pin of slave device, then power on after connecting.
2. Software: Set "CP-M" on master device. Set "CP-S" on slave device.
3. Icon of copy completed : 
- Repeat step 1 and 2 if copy failed.
4. Turn off the power, disconnect devices and restart it after setting.

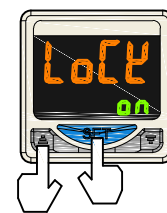


Zero-Clear Funtion

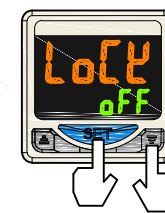
Press  and  simultaneously to reset the display value to zero.



Press and simultaneously.



Press  and the SET button simultaneously.



Press  and the SET button simultaneously.

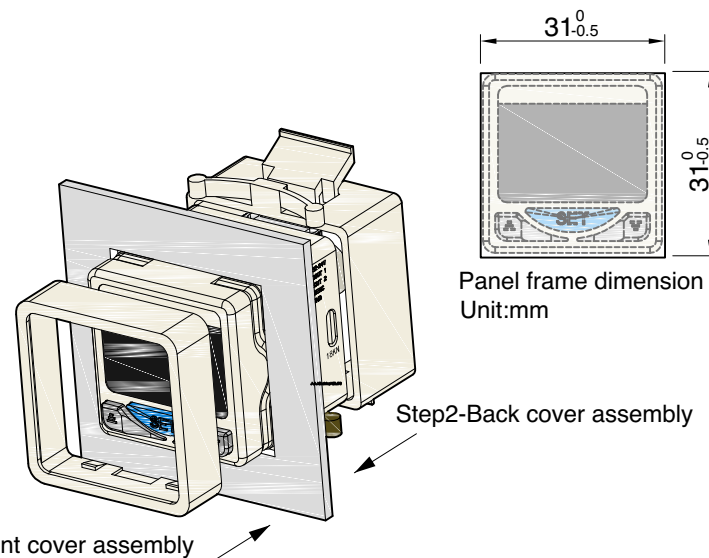


Key lock Funtion

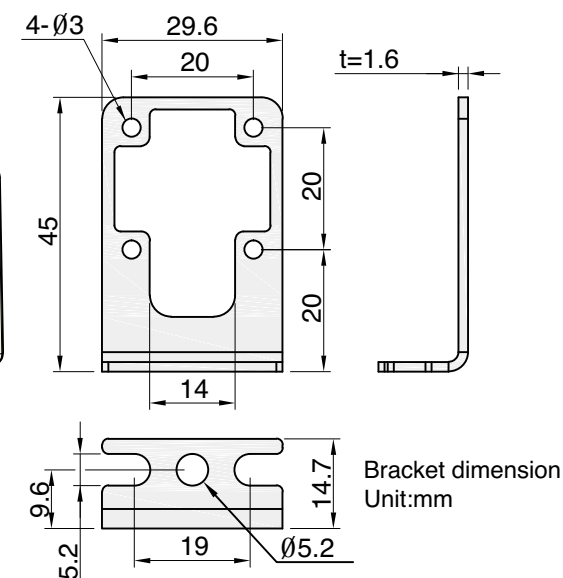
Lock: Press  and the SET button simultaneously.
Release it when the display turns to "LoCK on".
Unlock: Press  and the SET button simultaneously.
Release it when the display turns to "LoCK off".
Press any button will display "LCK" in lock on mode.

Dimensions/Assembly Instructions

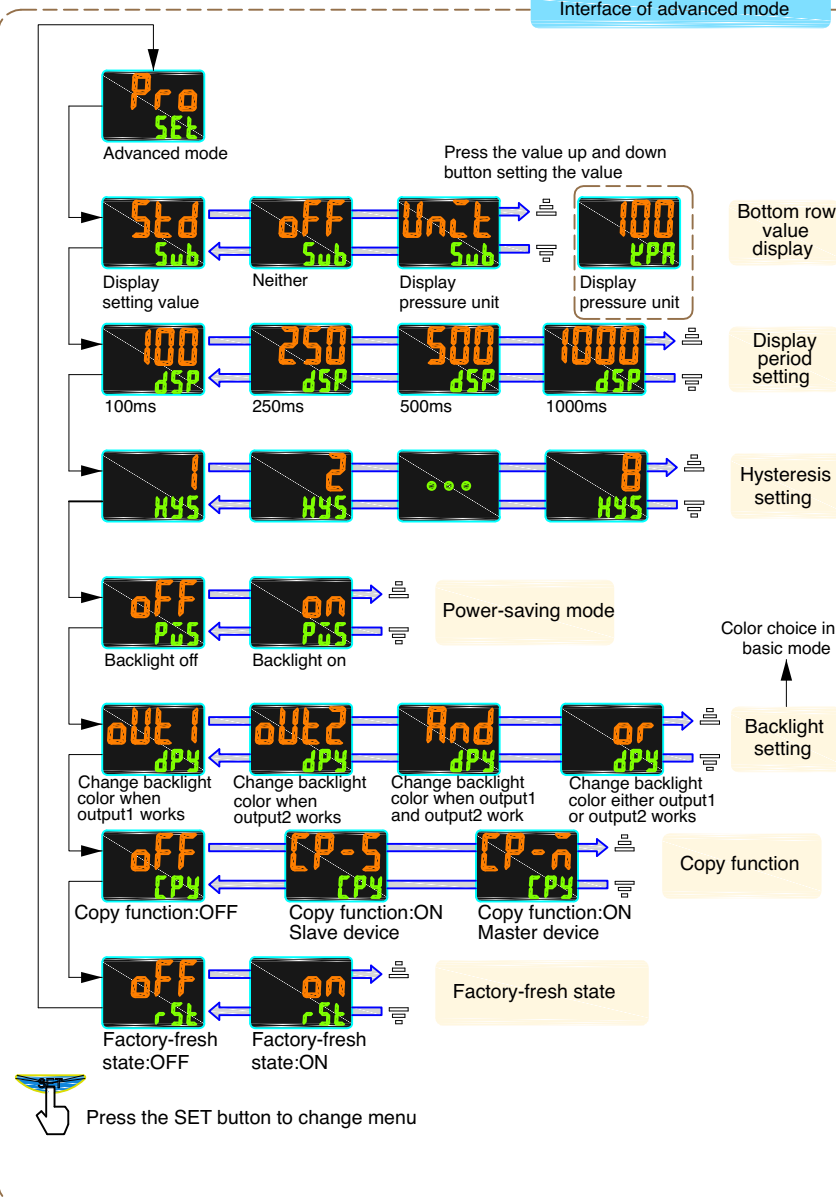
Panel mount adapter + Front protective cover



Bracket



Interface of advanced mode



Press the SET button to change menu