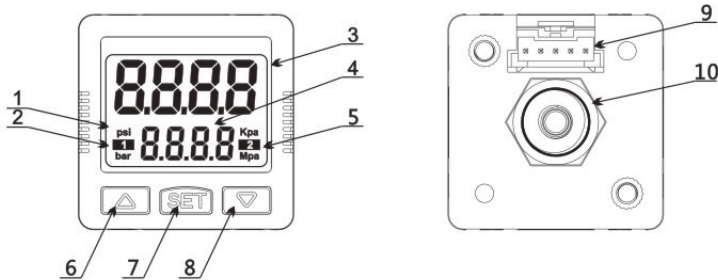


DPS-2 Series

PANEL

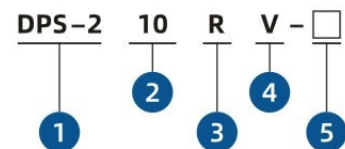


No	Name
1	Pressure Unit
2	Ouput 1 Indicator
3	Main Display Section
4	Sub-display Section
5	Ouput 2 Indicator
6	Up Button
7	Setting Button
8	Down Button
9	Electric Interface
10	Pressure Port

SPECIFICATION

Model		DPS-201(Compound)	DPS-210(Positive)
Pressure measure	Range Of Measure	-100kPa~100kPa	-0.100MPa~1.000MPa
	Setting Range	-100kPa~100kPa	0.000MPa~1.000MPa
	Withstand Pressure	500kPa	1.500MPa
	Pressure Type	Non-flammable ,Non-corrosive gas, Gauge pressure measurement	
	Measure Accuracy	≤±2%F.S.(Ambient temperature 25°c)	
	Temperature Error	≤±3%F.S. (Temperature range 0~ 50°c)	
	Measure Pattern	Hysteresis model	
Port size		External R1/8, NPT1/8, G1/8 option , internal thread M5	
Display	Brief Description	Double LCD display	
	Status Display	4-digital measurement value ,unit display,output status display	
	Display Model	Adjustable backlight ,4 groups of dispaly models	
Input Power	Voltage Range	12~24vdc ±10%	
	Power Comsuption	40mA MAX(Non-load)	
Output Signal	Transistor Output	NPN open-collector oupt Output current :80mA MAX Voltage drop : ≤1V	PNP open-collector oupt Output current :80mA MAX Voltage drop : ≤1V
	Analog Output	Voltage output Signal ampliude:1~5V Load resistance >1 kΩ	Current output Signal ampliude:4~20mA Load resistance<400Ω
	Response Time	Adjustable : 2.5ms、 20ms、 100ms、 500ms、 1000ms、 1500ms	
	Short-circuit Protecdtion	Yes	
Environmetal Resistance	Ip Class	IP40	
	Ambient Temperature	Operating temperature 0~50°c ,storage temperature -20~60°c	
	Ambient Humidity	Operating humidity 35~ 80%RH	
	Insulation Voltage	1000VAC 1min	
	Insulation Resistance	≥500mΩ(500VDC)	
	Shock	Max100m/s²,3time seach in 6 directions of x,y,z	
	Vibration	A mplitude 1.5mm, 10HZ~ 500HZ, 2 hours each direction of x,y,z	

ORDERING CODE



1. DPS-2 Series

2. Range

10: -100~1000kpa
01: -100~100kpa

3. Port

R: R1/8(M5 female thread)
N: NPT1/8 (M5 female thread)
G: G1/8 (M5 female thread)

4. Output

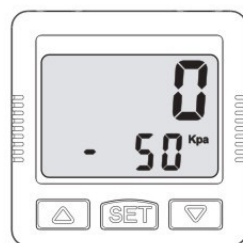
N: NPNx2
P: PNPx2
A: NPN+Analog 4~20mA
V: NPN+Analog 1~5V
B: PNP+Analog 4~20mA
W: PNP+Analog 1~5V

5. Mounting

M: Panel
N: Panel+shield
Z: L bracket
S: S bracket

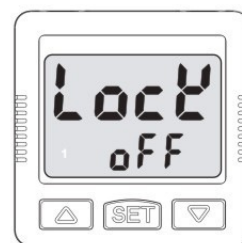
QUICK SETTING

Zero point setting



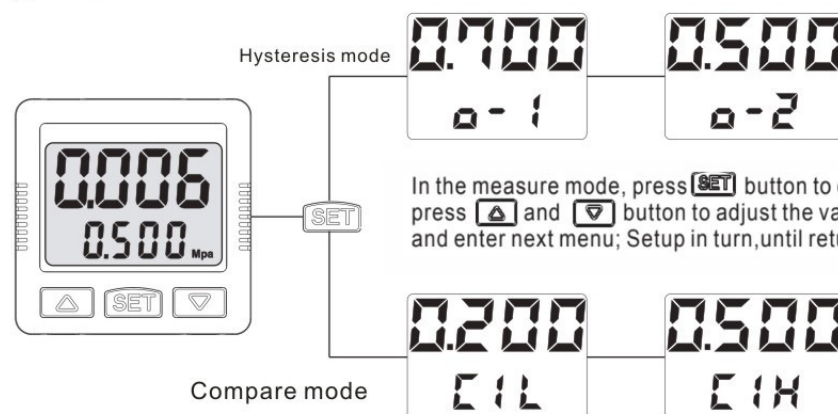
In the measuremode,press+ button at the same time,untildisplay"0",release the button;
PS:resetrange: +/-10%F.S.

key lock and unlock



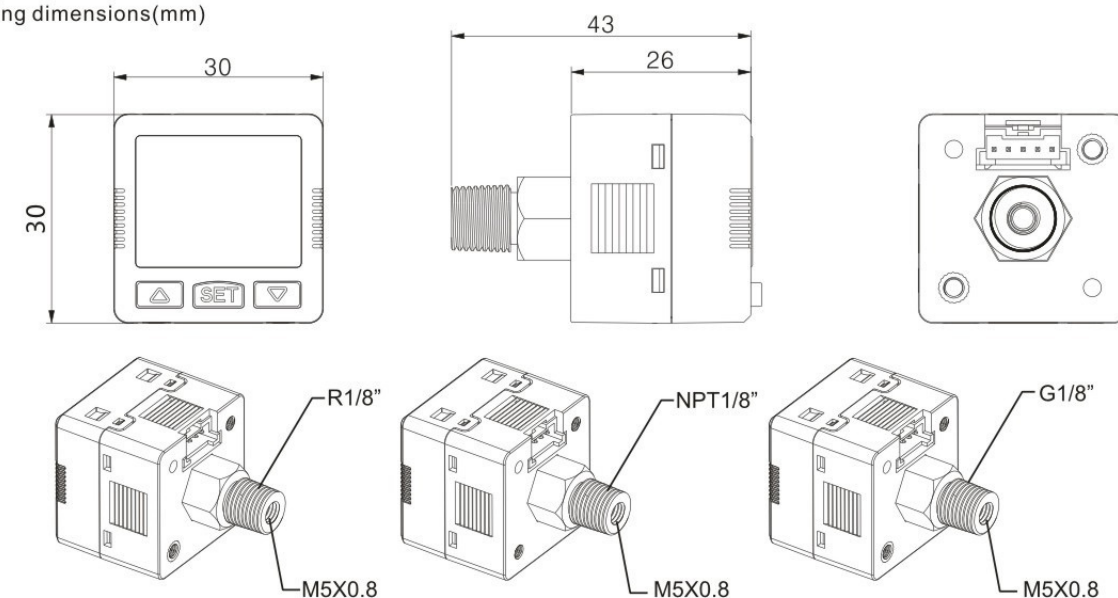
Lock: in the measure mode, press + + button at the same time until "LOCK ON" shown,release the buttons;
Unlock: in the measure mode, press + + button at the same time until "LOCK OFF" shown,release the buttons.

Easy setup



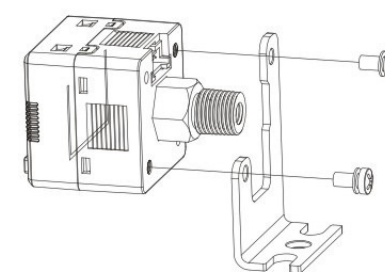
MOUNTING DIMENSIONS(mm)

Mounting dimensions(mm)

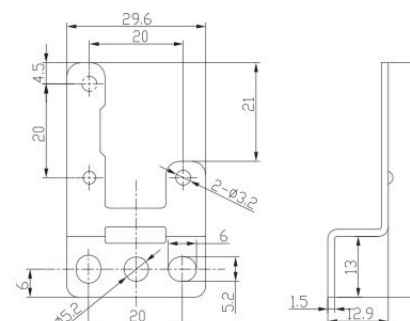
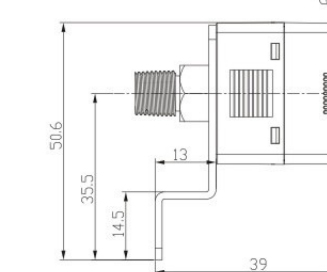
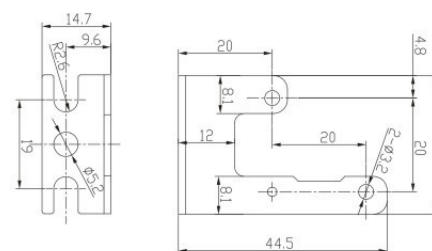
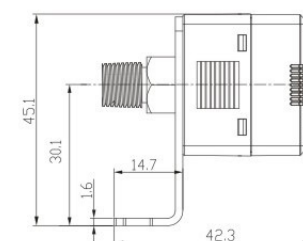
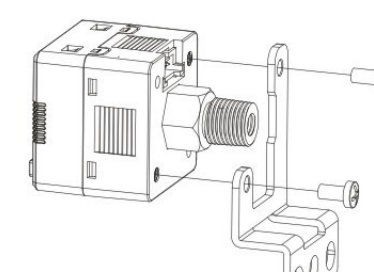


Mounting Bracket

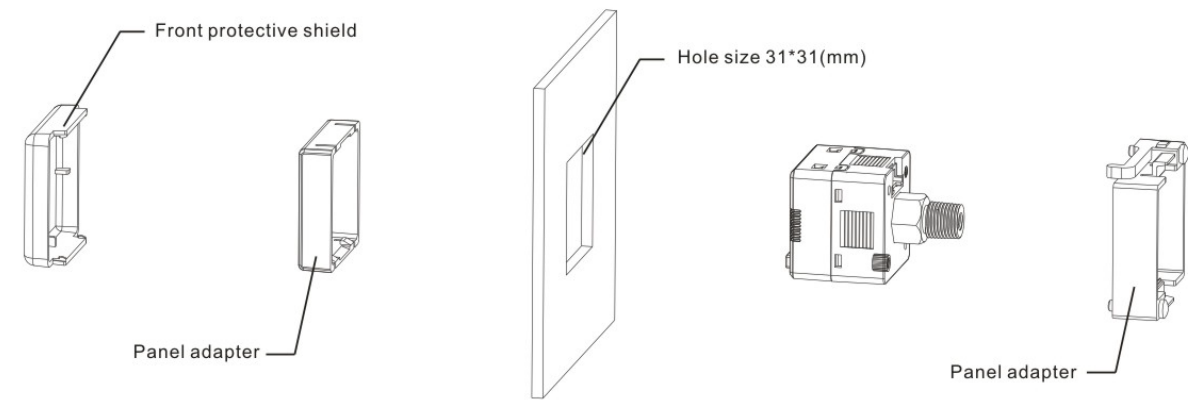
L bracket



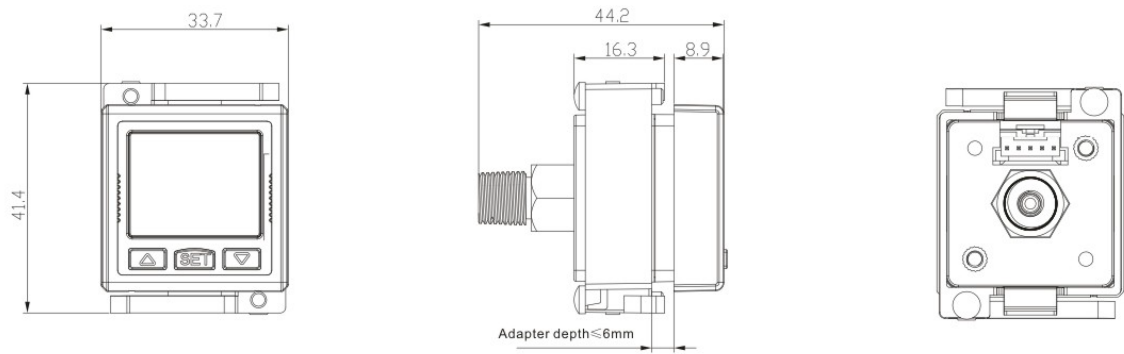
S bracket



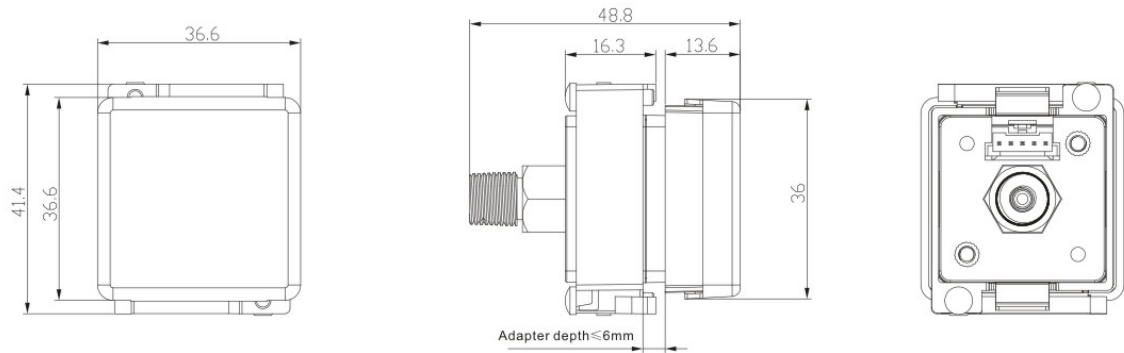
Panel bracket



Panel mount



Add dust cover installation



Wire dimension

