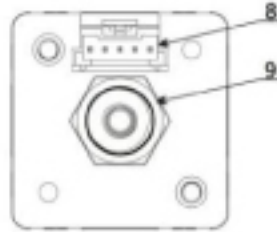




DPS-3 Series

PANEL



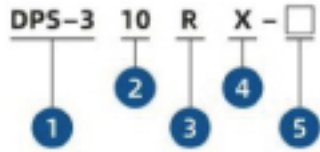
No.	Name
1	Locking indicator
2	Output indicator
3	Pressure unit
4	Main display section
5	Up button
6	Setting button
7	Down button
8	Electric interface
9	Pressure port

SPECIFICATION

Model		DPS-301(Compound)	DPS-310(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-positive gas. gauge pressure measurement	
	Measure Accuracy	$\leq \pm 2\% f.s.$ (ambient temperature 25°C)	
	Temperature Error	$\leq \pm 3\% f.s.$ (1 temperature range 0~ 50°C)	
	Measure Pattern	Hysteresis mode Single point mode Window mode	
Port size		External R1/8. NPT1/8. G1/8 option , internal thread M5	
Display	Status Display	LCD display,4-digital measurement value ,unit display ,output status display	
	Display Model	Adjustable backlight ,4 groups of display models	
Input Power	Voltage Range	12~24vdc $\pm 10\%$	
	Power Consumption	40ma max(non-load)	
Output Signal	Transistor Output	NPN open-collector oupt Output current :80ma max Voltage drop : $\leq 1v$	PNP open-collector oupt Output current :80ma max Voltage drop : $\leq 1v$
	Response Time	Adjustable : 2.5ms. 20ms. 100ms. 500ms. 1000ms. 2000ms	
	Short-circuit Protection	Yes	
Environmental Resistance	Ip Class	Ip65	
	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	> 50m Ω (500vdc)	
	Shock	Max100m/s ² ,3time each in 6 directions of x,y,z	
	Vibration	Amplitude 1.5mm, 10hz~ 500hz, 2 hours each direction of x,y,z	



ORDERING CODE



1. DPS-3 Series

2. Range

10:-100~1000kPa
 01:-100~100kPa
 16: 0~1600kPa

3. Port

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

4. Output

X:NPN+PNP

Explanation 1: Product single-channel setting.

Optional NPN or PNP output channel, the black wire is NPN and the white wire is PNP

5. Mounting

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

QUICK SETTING

● Zero point setting



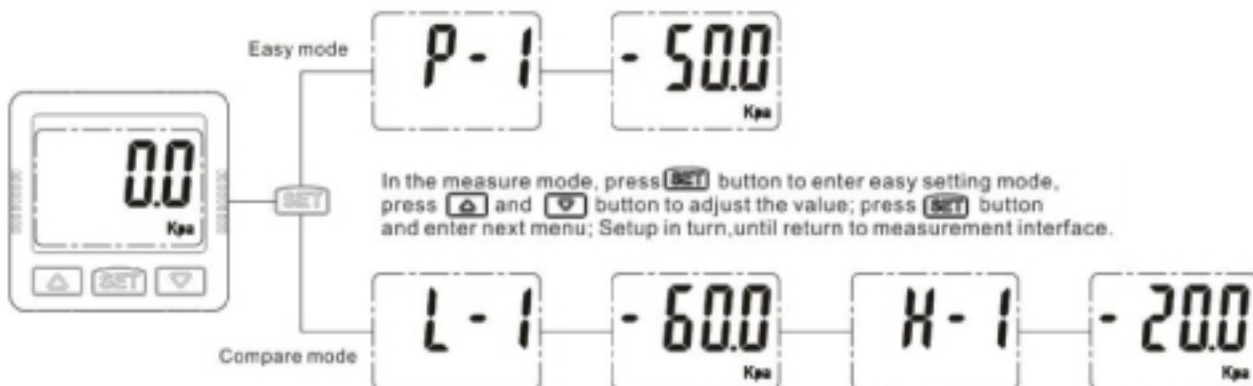
In the measure mode, press + button at the same time, until display "0", release the button;
 PS: reset range: +/-10%F.S.

● key lock and unlock



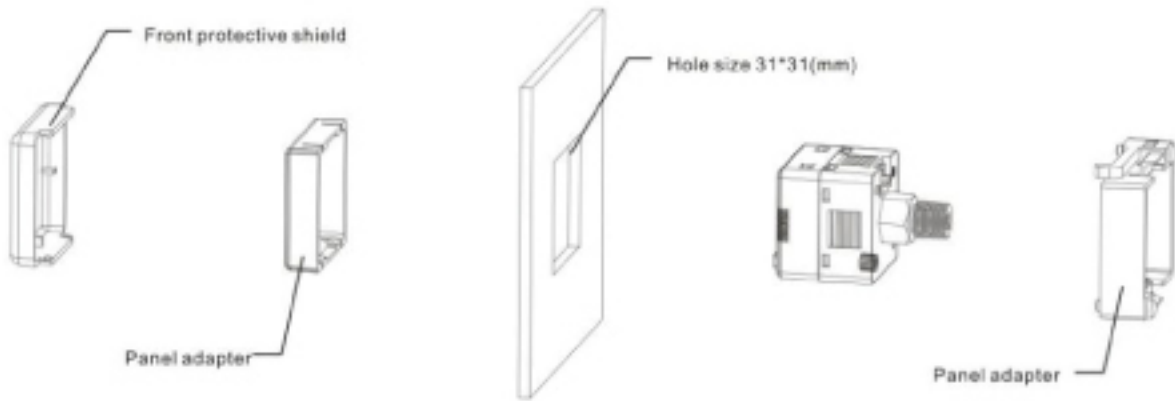
Lock: in the measure mode, press + + button at the same time until "LOCK ON" shown, release the buttons;
 Unlock: in the measure mode, press + + button at the same time until "LOCK OFF" shown, release the buttons.

● Easy setup





Panel bracket



Panel mount



Add dust cover installation



Wire dimension

