



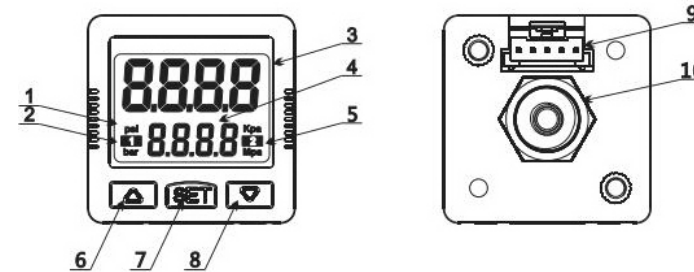
How to order

DPS	-	210	G	B	-	□
Pressure Switch	Range	Port size	Output	Mounting		
	210 : -100~1000kPa 201 : -100~100kPa	G : G1/8 (M5 thread) R : R1/8 (M5 thread) N : NPT1/8 (M5 thread)	B : PNP+Analog4~20mA N : NPNx2 P : PNPx2 V : NPN+Analog1~5V A : NPN+Analog4~20mA W : PNP+Analog1~5V	Blank : W/O bracket L : L type S : S type		

Specifications

Model	ZCDPS-201	ZCDPS-210	
Pressure Measure	Range of measure	-100~100kPa	-100~1000kPa
	Setting range	-100~100kPa	0~1000kPa
	Withstand pressure	1500kPa	
	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 mode Compare mode of upper and lower bounds	
Port size			External R1/8, NPT1/8, G1/8 option, internal thread M5
Display	Bridf description	Double LCD display	
	Status 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 ± 10%	
	Power consumption	40mA Max (non-load)	
Output signal	Transistor output	NPN open-collector output Output current: 80mA MAX Voltage drop: 1V	PNP open-collector output Output current: 80mA MAX Voltage drop: 1V
	Analog output	Voltage output Singal ampliude: 1~5V Load resistance: 1K Ω	Current output Singal ampliude: 4~20mA Load resistance: 400 Ω
	Response time	Adjustable: 2.5ms, 20ms, 100ms, 500ms, 1000ms, 2000ms	
	Short-circuit protection	Yes	
Environmetal resistance	IP level	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	50M Ω (500VDC)	
	Shock	Max 100m/s ² , 3 times each in 6 directions of X, Y and Z	
Vibration	Amplitude 1.5mm. 10HZ~500HZ, 2 hours each direction of X, Y and Z		

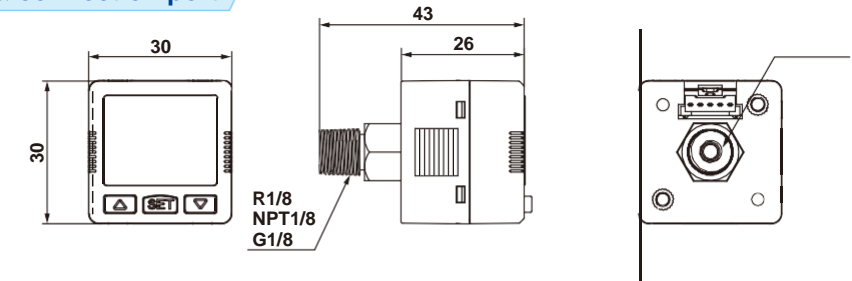
Panel



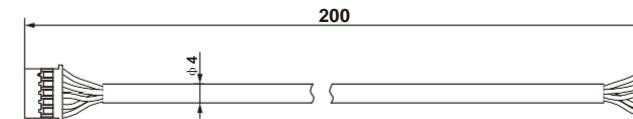
NO.	Name
1	Pressure Unit
2	Output 1 indicator
3	Main Display section
4	Sub-display section
5	Output 2 indicator
6	Button
7	Setting Button
8	Button
9	Electric Interface
10	Pressure port

Dimensions

Overall dimensions & connection port



Wire dimensions



Mounting bracket

