



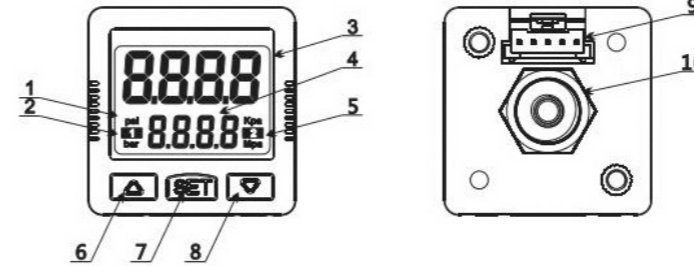
## How to order

<b>ZCDPS</b>	<b>- 210</b>	<b>R</b>	<b>N</b>	<b>-</b>	<b>□</b>
<b>Pressure Switch</b>	<b>Setting range</b>	<b>Port size</b>	<b>Output</b>	<b>Mounting</b>	
	<b>201</b> :-100~100kPa <b>210</b> :0.000~1.000MPa	<b>R</b> : R1/8 (M5 thread) <b>N</b> : NPT1/8 (M5 thread) <b>G</b> : G1/8 (M5 thread)	<b>N</b> : NPNx2 <b>P</b> : PNPx2 <b>V</b> : NPN+Analog1~5V <b>A</b> : NPN+Analog4~20mA <b>B</b> : PNP+Analog4~20mA <b>W</b> : PNP+Analog1~5V	<b>Blank</b> : W/O bracket <b>Z</b> : L type <b>S</b> : S type	

## Specifications

Model	ZCDPS-201	ZCDPS-210	
<b>Pressure Measure</b>	Range of measure	-100~100KPa	-0.100~1.000MPa
	Setting range	-100~100KPa	0.000~1.000MPa
	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	
Port size	External R1/8, NPT1/8, G1/8 option, internal thread M5		
<b>Display</b>	Brifd description	Double LCD display	
	Status display	4-digital measurement value, unit display, output status display	
	Display model	Adjustable backlight, 4 groups of display models	
<b>Input power</b>	Voltage range	12~24VDC ± 10%	
	Power consumption	40mA Max (non-load)	
<b>Output signal</b>	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: ≥ 1KΩ	Current output Singal ampliude: 4~20mA Load resistance: ≤ 400Ω
	Response time	Adjustable: 2.5ms, 20ms, 100ms, 500ms, 1000ms, 2000ms	
	Short-circuit protection	Yes	
<b>Environmetal resistance</b>	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	≥ 50MΩ (500VDC)	
	Shock	Max 100m/s <sup>2</sup> , 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		

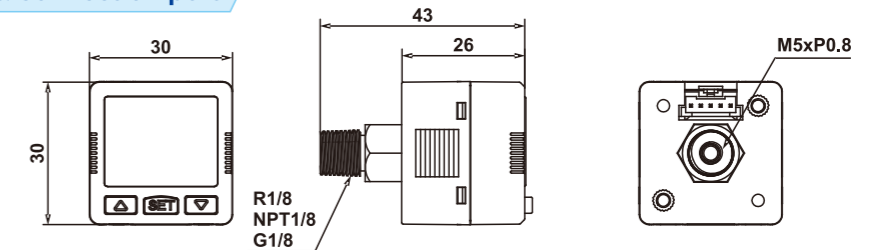
## Panel



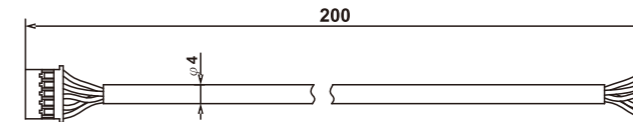
NO.	Name
1	Pressure Unit
2	Output 1 indicator
3	Main Display section
4	Sub-display section
5	Output 2 indicator
6	Button
7	Setting Button
8	Button
9	Electric Interface
10	Pressure port

## Dimensions

### Overall dimensions & connection port



### Wire dimensions



### Mounting bracket

