

## Main Specifications

## ▼ Size

3" (80mm)

## ▼ Installation type

Bottom mount / Back mount

## ▼ Pressure connection

Material: SS 304

1/4" PT

1/4" NPT

M20x1.5

Other specs are available,  
please specify your requests.

## ▼ Pressure range

Min.: -0.1 MPa

Max.: 100 MPa

## ▼ Applicable fluid

Liquid and gas that compatible  
with SS 304

## ▼ Ambient temperature

0°C to +70°C

## ▼ Storage temperature

-20°C to 70°C

## ▼ Fluid temperature

+80°C

## ▼ Operating humidity

35~85% R.H.

## ▼ Atmospheric pressure

860...1060 mbar

## ▼ Temperature error

Standard temp.: 22°C

max. error: ±0.5% F.S

(0~50°C)

## Other Specifications

## ▼ Case

ABS (standard) /

Stainless steel (option)

## ▼ Screen display

4-digit LED

## ▼ Refresh rate

2 secs/times

## ▼ Screen size

40 (W) x 17 (H) mm

## ▼ Pressure unit

MPa, psi, kgf/cm<sup>2</sup>

## ▼ Resolution

0.001

## ▼ Power supply

DC: 12/24V (standard)

AC: 220V/380V (option)

## ▼ Switch signal

Relay x1 (standard) /

Relay x2 (option)

## ▼ Contact rating

3A

## ▼ Measuring elements

High-tech silicon chip

SS 316L diaphragm

## ▼ Accuracy

±0.5%F.S.

## ▼ Overpressure protection

1.5\*F.S.

## ▼ Compensated temperature

0°C to 60°C

## ▼ Weight

270g

## Digital Pressure Switch

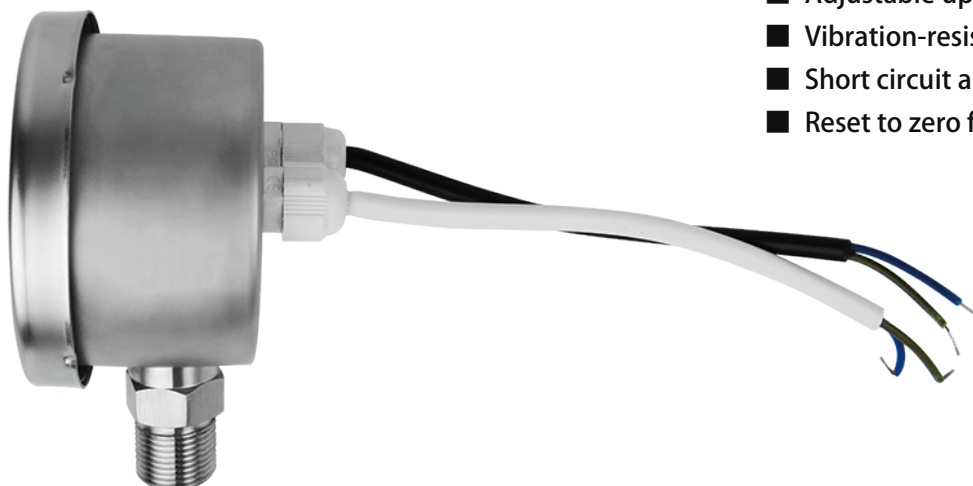
Model: DPS-K3.0



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

## Features

- OEM service
- Easy switch wiring and setting
- AC / DC Power supply available
- Affordable price with long service life
- In-built relay (one set or two set)
- Adjustable upper limit and lower limit
- Vibration-resistance design
- Short circuit and reverse current protection
- Reset to zero function



## How to order

DPS-K3.0 數位壓力開關									
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item
A	Installation type	A	Bottom mount	BD	Back mount	–	–	–	–
2P	Pressure connection	2P	1/4" PT	2N	1/4" NPT	M20	M20*1.5	O	Others
Custom	Pressure range	-0.1...0 to 100MPa							
ABS	Case	ABS	ABS	SS	Stainless steel	–	–	–	–
DC	Power supply	DC	DC 12/24V	AC	AC 220V/380V	–	–	–	–
1	Switch signal	1	Relay x1	2	Relay x2	–	–	–	–
/B	Other requests	/A	Third party notarized document						
		/B	Inspection report (issued by Re-Atlantis)						
		/C	Tag						
		/D	Customized dial face (brand, color, etc.)						

Order example: DPS-K3.0 - 2P - (0-50MPa) - ABS - DC - 1 - /B