

Main Specifications

- ▼ **Size**
3" (75.5mm)
- ▼ **Pressure connection**
Material: SS304L
Laser welding
1/4" NPT (standard)
Other thread type available upon request
- ▼ **Pressure range**
-760~0mmHg
- ▼ **Switch signal**
NPN (standard) / PNP (option)
- ▼ **Analog signal output (option)**
4-20 mA
- ▼ **Applicable fluid**
Pure, non-corrosive gases
- ▼ **Ambient temperature**
-40°C to +60°C
- ▼ **Fluid temperature**
-10°C to 60°C
- ▼ **Ambient humidity**
95% R.H.
- ▼ **Atmospheric pressure**
860...1060 mbar
- ▼ **Temperature drift**
Standard temp.: 22°C
max. error: $\pm 0.5\%$ F.S (0~50°C)

Other Specifications

- ▼ **Ring**
Anodized aluminum alloy
Screw fixed
- ▼ **Case**
ABS
- ▼ **Screen display**
4-digit LCD
Yellow backlight
- ▼ **Power supply**
DC 8-28V
Recommended voltage: DC 24V
- ▼ **Refresh rate**
2 times/sec
- ▼ **Screen size**
30*14.5mm
- ▼ **Pressure unit**
inHg, mmHg, mbar
- ▼ **Resolution**
0.001
- ▼ **Measuring elements**
High-tech silicon chip
SS 316L diaphragm
- ▼ **Additional protection (option)**
Protective rubber case
- ▼ **Accuracy**
 $\pm 0.25\%$ F.S. (@22°C)
 $\pm 0.5\%$ F.S. (0~50°C)
- ▼ **Operating pressure**
Overpressure: 3* full scale
Burst pressure: 5* full scale
- ▼ **Compensated temperature**
0°C to 50°C
- ▼ **Weight**
270g (exclude protective case)

Digital Air Pressure Switch

Model: DPS-A3.0MD



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
- NPN / PNP alarm output available
- 4-20mA signal output available (option)
- Specially designed for air pressure measurement and control
- Laser welded connection
- Accuracy $\pm 0.5\%$ F.S.
- Auto power off design
- Maximum pressure value record
- Rubber case provides better protection (option)



How to order

DPS-A3.0MD		Digital Air Pressure Switch		
Code	Pressure connection			
2N	1/4" NPT (standard)			
O	Others (please specify)			
Code	Switch alarm output			
NPN	NPN			
PNP	PNP			
Code	Protective rubber case			
X	Exclude			
Y	Included			
Code	Other requests			
/A	Third party notarized document			
/B	Inspection report			
/C	Tag			
/D	Customized dial face (brand, color, etc.)			
/E	Adapt the other kind of thread			
/F	Connection material SS316L			
/G	4-20mA signal output			
/H	24V transformer			
DPS-A3.0MD	2N	NPN	Y	Order example: DPS-A3.0MD-2N-NPN-Y