

Main Specifications

▼ Size
 1" (29.9 mm)
▼ Pressure connection
 Material: SS 304L
 With O-ring sealed
 1/8" PT (F)
 1/8" NPT (F)
 Other thread type available upon request
▼ Pressure range
 0...1 to 250bar
▼ Switch alarm output
 NPN (standard) / PNP (option)
 Hysteresis mode /
 Window comparator mode
▼ Switch signal output (option)
 4-20 mA / 1-10V
▼ 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: ±0.5% F.S
 (0~50°C)

Other Specifications

▼ Ring
 ABS
 Screw fixed
▼ Case
 ABS
▼ Screen display
 4-digit LCD with backlight
▼ Power supply
 DC 8-28V
 Recommended voltage: DC 24V
▼ Refresh rate
 1 sec/times
▼ Screen size
 19*8 mm
▼ Pressure unit
 psi, bar, kg/cm², MPa
▼ Resolution
 0.001
▼ Measuring elements
 High-tech silicon chip
 SS 316L diaphragm
▼ Accuracy
 ±1%F.S. (@0~50°C)
▼ Operating pressure
 Burst pressure: 2.5* full scale
▼ Compensated temperature
 0°C to 50°C
▼ Weight
 80g

Digital Pressure Switch

Model: DPS-1.0



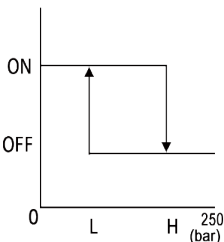
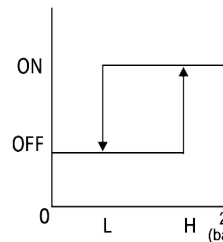
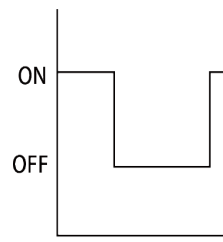
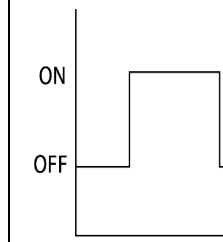
Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales.
 (If there is any change on specification, please take the latest version as standard.)



Features

- OEM service
- NPN / PNP alarm output available
- 4-20mA signal output available (option)
- Pressure measurement range 0...1 to 250bar
- Accuracy ± 1%F.S.
- Pipeline temperature measurement
- Maximum pressure value record
- Backlight on/off

Switch mode

			
Hysteresis mode (reverse)	Hysteresis mode (normal)	Window comparator (reverse)	Window comparator (normal)

How to order

DPS-1.0	Digital Pressure Switch				
	Code	Pressure connection			
	1P (F)	1/8" PT (F)			
	1N (F)	1/8" NPT(F)			
	O	Others (please specify)			
	Code	Pressure range			
	Custom	0...1 to 250bar			
	Code	Switch alarm output			
	NPN	NPN			
	PNP	PNP			
	Code	Analog signal output			
	NA	None			
	A	4-20mA			
	V	1-10V			
	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	24V transformer				
DPS-1.0	1P (F)	0...10bar	NPN	NA	Order example: DPS-A1.0-1P (F)-0...10bar-NPN-NA