

Main Specifications

▼ Installation type

Bottom mount

▼ Pressure connection

Material: SS304

M20 x 1.5

G1/2"

G1/4"

1/4" NPT

Other specs are available upon requests

▼ Pressure range

-1...0 to 2500bar

▼ Pressure type

Gauge pressure /

Absolute pressure

▼ Applicable fluid

Media that compatible with SS304

▼ Operating temperature

-20°C to 85°C

▼ Atmospheric pressure

860...1060 mbar

▼ Protection level

IP65

Other Specifications

▼ Case

Stainless steel (standard)

Aluminum alloy (option)

▼ Switch alarm signal

Relay x1

▼ Relay load

30V / 5A (DC)

240V / 3A (AC)

▼ Screen display

4-digit LED display

▼ Resolution

0.001

▼ Pressure unit

bar, kPa, psi (switchable)

▼ Signal output

Analog output 4-20mA (standard) /

Digital output RS485

(option)

▼ Power supply

12~36VDC (standard 24V)

▼ Accuracy (include non-linearity, hysteresis & repeatability)

±0.5% F.S. (standard)

±0.25% (Option)

±0.1%F.S. (Option)

▼ Zero & span temp. drift

≤ 0.02% F.S./°C

▼ Stability

≤ 0.25% F.S./year

▼ Response time

10ms

▼ Measuring elements

Diaphragm & High-tech silicon chip

Diaphragm material:

SS316L (standard) /

Ceramic (option)

▼ Overpressure protection

3*F.S.

▼ Service life

> 9,000,000 cycles

▼ Weight

320g

Digital Pressure Switch

Model: DPS-ED3.0

Introduction

DPS-ED3.0 digital pressure switch integrates alarm, control and signal output in one design, which is suitable for industrial process control in the hydraulic, pneumatic, energy and water treatment system.



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
- Embedded microprocessor design
- 4-digit LED display
- In-built relay
- Adjustable zero & span setting
- RS485 digital output available (option)

How to order

DPS-ED3.0 Digital Pressure Switch									
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item
2N	Pressure connection	M20	M20*1.5	G4	G1/2"	G2	G1/4"	2N	1/4" NPT
		O	Others	-	-	-	-	-	-
Custom	Pressure range	-1...0~600bar							
G	Pressure type	G	Gauge pressure	A	Absolute pressure	-	-	-	-
mA	Signal output	mA	4-20mA	RS	RS485	-	-	-	-
SS	Case material	G	Stainless steel		Aluminum alloy	-	-	-	-
SS	Diaphragm material	mA	SS316L		Ceramic	-	-	-	-
05	Accuracy	SS	±05% F.S.	025	±0.25% F.S.	01	±0.1% F.S.	-	-
/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-ED3.0 - 2N - (0-250bar) - G - mA - SS - SS - 05 - /B