

Main Specifications	Other Specifications
<p>▼ <b>Pressure connection</b> Material: SS316 1/2" NPT (female) 1/4" NPT (female)</p> <p>▼ <b>Conduit connection</b> 3/4" NPT (female) 1/2" NPT (female)</p> <p>▼ <b>Adjustable setting range</b> 0...3 to 500psi For detail please refer to range selection table</p> <p>▼ <b>Dead band</b> 0.15~25 psi For detail please refer to range selection table</p> <p>▼ <b>Applicable fluid</b> Liquid and gas that compatible with SS316</p> <p>▼ <b>Ambient temperature</b> -10°C to +55°C</p> <p>▼ <b>Fluid temperature</b> -30°C to +205°C</p> <p>▼ <b>Protection level</b> IP68</p>	<p>▼ <b>Housing</b> Die casting aluminum</p> <p>▼ <b>Measuring elements</b> Welded type diaphragm</p> <p>▼ <b>Switch type</b> SPDT x1 SPDT x2 (one setting point)</p> <p>▼ <b>Contact rating</b> 15A, 125/250VAC 0.4A, 125VDC 3A, 30VDC 1A, 125/250VAC (gold contact)</p> <p>▼ <b>Max. operating pressure</b> 1000psi</p> <p>▼ <b>Other requests (Option)</b> Third party notarized document Inspection report (issued by Re-Atlantis) Tag Gold contact (SPDT)</p>

## Differential Pressure Switch

### Model: DPS-2100X

### Introduction

DPS-2100X Differential Pressure Switch with explosion-proof design is suitable for process control system. It features various pressure range with easy operation and installation.



## Features

- Explosion-proof type differential pressure switch
- Various differential pressure range selection
- High set point repeatability
- Easy set point adjustment, no special tools needed
- All wetted part adopts SS316



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.)

### Range selection table

Code	Adjustable range	Dead band	Max operating pressure
10R	3~28 psi	0.15~1.4 psi	1000psi
20R	7~100 psi	0.35~5 psi	1000psi
30R	35~200 psi	1.75~10 psi	1000psi
40R	50~500 psi	2.5~25 psi	1000psi

## How to order

DPS-2100X		Differential Pressure Switch				
Code		Differential pressure range and dead band				
20R		Refer to range selection table and select corresponding code				
Code		Pressure connection				
4N		1/2" NPT (female)				
2N		1/4" NPT (female)				
Code		Conduit connection				
6N		3/4" NPT (female)				
4N		1/2" NPT (female)				
Code		Switch type				
1		SPDT x1				
2		SPDT x2				
Code		Explosion-proof class				
A		Certificate on housing only-Class I, Groups A/B/C/D Class II, Groups E/F/G; NEMA 4X				
B		EC type examination: Exd IIB + H <sub>2</sub> T6				
C		EC type examination: Exd IIB + H2GbT6 Ex tb IIIC Db T85°C				
DPS-2100X	20R	4N	6N	1	A	Order example: DPS-2100X-20R-4N-6N-1-A