

# PRESSURE SWITCH NEMA 4, 4X, IP66

## PS2100W

**Proof Pressure to 1000psi**  
**Adjustable Ranges: 2~100psi**  
**Temperature: -30 to 205°C**

The New-Flow PS2100W, a water proof pressure switch, is designed to be used in control systems. PS2100W has high set point repeatability and narrow dead band features. A variety of range selections are available upon request. Easily adjusted to the set point, and no special tools needed!

### Technical Data

**Switch Data:** one SPDT & two SPDT Microswitch, 15amps 125/250VAC, DC 125V 0.4A, DC 30V 3A / Gold Contact Microswitch 1A 125/250VAC  
**Housing:** die cast aluminum alloy with paint  
**Conduit Connection:** Female 3/4", 1/2"NPT, M20 x P1.5 available  
**Pressure Element:** welded type diaphragm  
**Process Material:** wetted parts are all in SS316  
**Process Connection:** Female 1/2" or 1/4" NPT, BSP, PT; and M20xP1.5 thread available  
**Repeatability:** ±1% of full scale

### Range Selection Table

Code	Adjustable Range	Dead Band	Maximum Pressure Proof
04R	2~12 psi	0.2~0.4	1000 psi
10R	2~16 psi	0.2~0.5	1000 psi
20R	2~20 psi	0.3~0.6	1000 psi
30R	3~28 psi	0.3~0.8	1000 psi
40R	7~100 psi	0.7~2.0	1000 psi

### Ordering Information

PS2100W	Code	Range							
		<b>04R</b> 2~12 psi <b>10R</b> 2~16 psi <b>20R</b> 2~20 psi <b>30R</b> 3~28 psi <b>40R</b> 7~100 psi							
	<b>Code</b>	<b>Wetted Parts Material</b>							
	<b>A</b>	SS316							
	<b>Code</b>	<b>Process Connection- Female</b>							
		(1) 1/2"NPT (2) 1/4"NPT (3) 1/2"BSP (4) 1/4"BSP (5) 1/2"PT (6) 1/4"PT (7) M20 x P1.5							
	<b>Code</b>	<b>Conduit Connection</b>							
		(E) 3/4"NPT Female (F) 1/2"NPT Female, standard (G) M20 x P1.5 Female							
	<b>Code</b>	<b>Switch Form</b>							
	<b>1</b>	Micro Switch, 1 SPDT							
	<b>2</b>	Micro Switch, 2 SPDT (one setting point)							
	<b>3a</b>	Gold Contact, 1 SPDT							
	<b>3b</b>	Gold Contact, 2 SPDT (one setting point)							
<b>PS2100W</b>									<b>Complete Ordering Code</b>



### Patent No.

M295332  
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### Approvals:



**UL** Switches with UL & CSA Recognized and File No. E12252.

### Dimensions

