# DIFFERENTIAL PRESSURE SWITCH , IP66

# DPS2200W

***Protection: IP66***
***Proof Pressure to 750psi***
***Adjustable Ranges: 400~10000 mmH2O***
***Temperature: -30 to 205°C***

The New-Flow DPS2200W, a water proof differential pressure switch, is designed to be used in control systems. DPS2200W has high set point repeatability and narrow dead band features. There is a variety of range selections available upon request. Easily adjusted to the set point, no special tools needed!

***Patent No.***

M450724
China: 2976852

***Approvals:***

ABS TYPE APPROVED PRODUCT

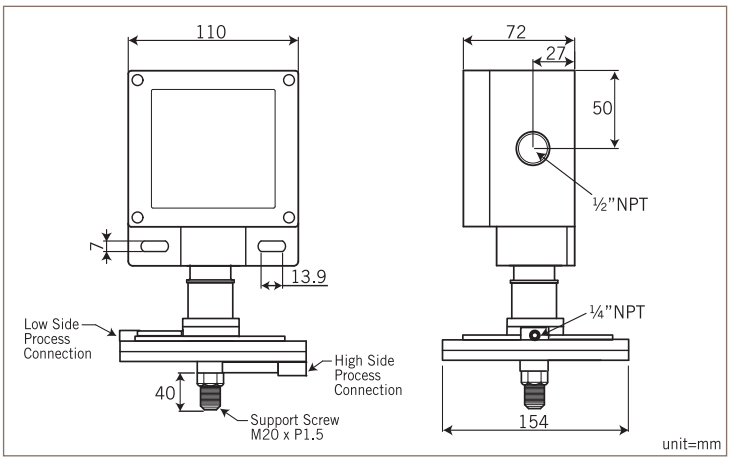
CE

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

## *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 ¾", ½"NPT, M20 x P1.5 available
**Pressure Element:** welded type diaphragm
**Process Materials:** wetted parts are all in SS316+Titanium
**Process Connection:** with adaptor ½" or ¼" NPT, BSP and PT Female; and M20 x P1.5 thread available

## *Dimensions*




## *Range Selection Table*

| Code | Adjustable Range | Dead Band | Maximum Pressure Proof |
|---|---|---|---|
| 10R | 400~1900 mmH2O | 30~80 mmH2O | 750 psi |
| 20R | 1000~10000 mmH2O | 70~200 mmH2O | 750 psi |

## *Ordering Information*

| DPS2200W | Code | Range | | |
|---|---|---|---|---|
| | 10R | 400~1900 mmH2O | 20R | 1000~10000 mmH2O |

| Code | Wetted Parts Material |
|---|---|
| A | SS316+Titanium |

| Code | Process Connection (with adaptor)– Female |
|---|---|
| | **(1)** ½"NPT **(2)** ¼"NPT **(3)** ½"BSP **(4)** ¼"BSP **(5)** ½"PT **(6)** ¼"PT **(7)** M20 x P1.5 |

| Code | Conduit Connection |
|---|---|
| | **(E)** ¾"NPT Female **(F)** ½"NPT Female, standard **(G)** M20 x P1.5 Female |

| Code | Switch Form |
|---|---|
| 1 | Micro Switch, 1 SPDT |
| 2 | Micro Switch, 2 SPDT (one setting point) |
| 3a | Gold Contact, 1 SPDT |
| 3b | Gold Contact, 2 SPDT (one setting point) |

| DPS2200W | | | | | | Complete Ordering Code |
|---|---|---|---|---|---|---|