

# PRESSURE SWITCH NEMA 4, 4X, IP66 PSA2000W

**Proof Pressure to 3000psi**  
**Adjustable Ranges: 10~1300psi**  
**Temperature: -30 to 205°C**  
**Dead Band: Adjustable**

The New-Flow PSA2000W, a water proof pressure switch, is designed to be used in control systems. PSA2000W has high set point repeatability and adjustable dead band features. There are a variety of range selections available upon request. Easily adjusted to the set point, no special tools needed!

### Technical Data

**Switch Data:** 20Amp @125, 250 or 480VAC; 5Amp, DC125V  
**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

### Range Selection Table

| Code | Pressure Range | Adjustable Dead Band at "E" Position | Maximum Pressure Proof |
|------|----------------|--------------------------------------|------------------------|
| 10R  | 10~100 psi     | 10~25                                | 3000 psi               |
| 20R  | 35~200 psi     | 12~30                                | 3000 psi               |
| 30R  | 50~300 psi     | 28~50                                | 3000 psi               |
| 60R  | 100~600 psi    | 28~60                                | 3000 psi               |
| 130R | 200~1300 psi   | 42~100                               | 3000 psi               |



### Patent No.

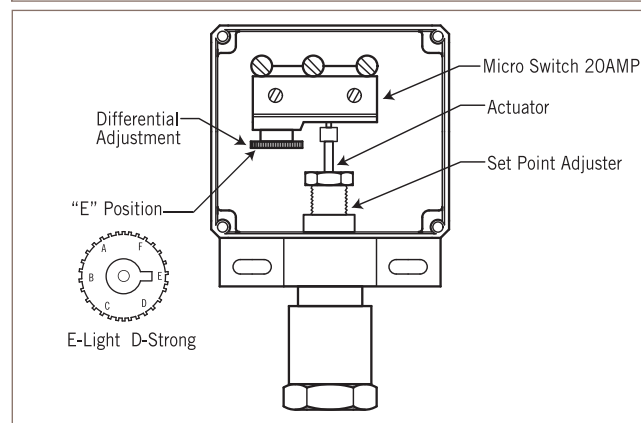
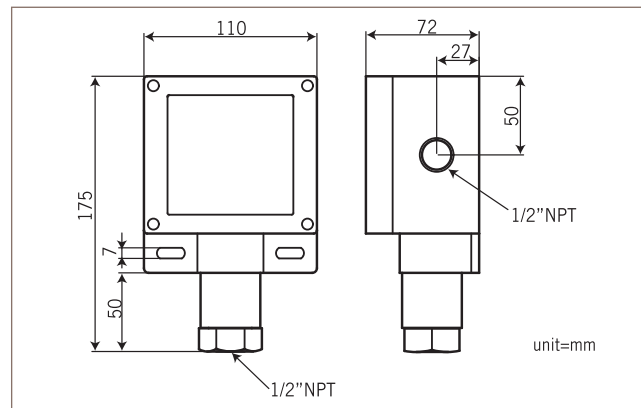
M295332  
M334932  
China: 920135

### Approvals:



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

### Dimensions



### Ordering Information

| PSA2000W | Code | Range  |     |            |     |            |     |                        |
|----------|------|--|-----|------------|-----|------------|-----|------------------------|
|          | 10R  | 10~100 psi   | 20R | 35~200 psi | 30R | 50~300 psi | 60R | 100~600 psi            |
|          | 130R | 200~1300 psi   |     |            |     |            |     |                        |
|          | Code | Wetted Parts Material  |     |            |     |            |     |                        |
|          | A    | SS316  |     |            |     |            |     |                        |
|          | Code | Process Connection- Female   |     |            |     |            |     |                        |
|          |      | (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 |     |            |     |            |     |                        |
|          | Code | Conduit Connection   |     |            |     |            |     |                        |
|          |      | (E) 3/4" NPT Female (F) 1/2" NPT Female, standard (G) M20 x P1.5 Female                    |     |            |     |            |     |                        |
|          | Code | Switch Form  |     |            |     |            |     |                        |
|          | 1    | One SPDT   |     |            |     |            |     |                        |
| PSA2000W |      |  |     |            |     |            |     | Complete Ordering Code |