



These diaphragm pressure switches are IP 55, and suitable for a variety of applications such as: food industry, cannery, pharmaceutical, petrochemical, conventional and nuclear power station. They withstand the most unfavourable working conditions, caused by either the process fluid aggressiveness or high ambient temperature.

### 3.25 - Standard Model

**Ranges:** 0...40 mbar / 0...600 mbar.

**Electrical specifications:** N. 1 SPDT microswitches. (see microswitches table)

**Differential:** fixed.

**Ripeatability:**  $\leq 1\%$  of the full setting value.

**Set point adjustment:** internal, micrometric adjustable.

**Protection:** IP 55 as per IEC 529, UNI 8896.

**Electrical wiring:** terminal screw, directly on microswitch.

**Earth contacts:** N. 1 internal, N. 1 external.

**Process temperature:**  $+212^{\circ}\text{F}$  max ( $100^{\circ}\text{C}$ ).

**Ambient temperature:**  $-13...+149^{\circ}\text{F}$  ( $-25...+65^{\circ}\text{C}$ ).

**Thermal drift:**  $\leq 0,027\%$  /  $^{\circ}\text{F}$  ( $\leq 0,05\%$  /  $^{\circ}\text{C}$ ).

**Process connection:** AISI 316 st.st.

**Elastic element:** AISI 316 st.st. diaphragm.

**Gasket:** PTFE

**Case:** aluminium, blue polyurethane painted.

**Cover:** aluminium, beige polyurethane painted.

**Tag:** stainless steel, silk-screen painted.

**Weight:** 6.61 lbs (3 kg).

Setting range	Test pressure	Differential 1 micro (1)
de 5 à 40 mbar	0,5 bar	4 mbar
de 5 à 60 mbar	0,5 bar	4 mbar
de 5 à 100 mbar	0,5 bar	4 mbar
de 8 à 160 mbar	0,5 bar	6 mbar
de 8 à 250 mbar	1 bar	6 mbar
de 15 à 400 mbar	1 bar	10 mbar
de 15 à 600 mbar	1 bar	10 mbar

(1) differential and minimum set-point values for microswitches cod. I, N, S, U are 300% of those shown in table.

