

PS11 – Ultra-Long Life OEM Pressure Switches

- ▶ 40 to 800 mbar (0.55 to 12 psi)
- ▶ 1,000,000 cycle life
- ▶ Factory fixed or adjustable set points

For low pressure applications, the longevity of our PS11 Series is hard to beat. A life expectancy of 1 million cycles means long-term reliability. Their snap-action microswitch resets automatically and meets or exceeds industry standards. The brass housing offers chemical resistance at an affordable price.

Specifications

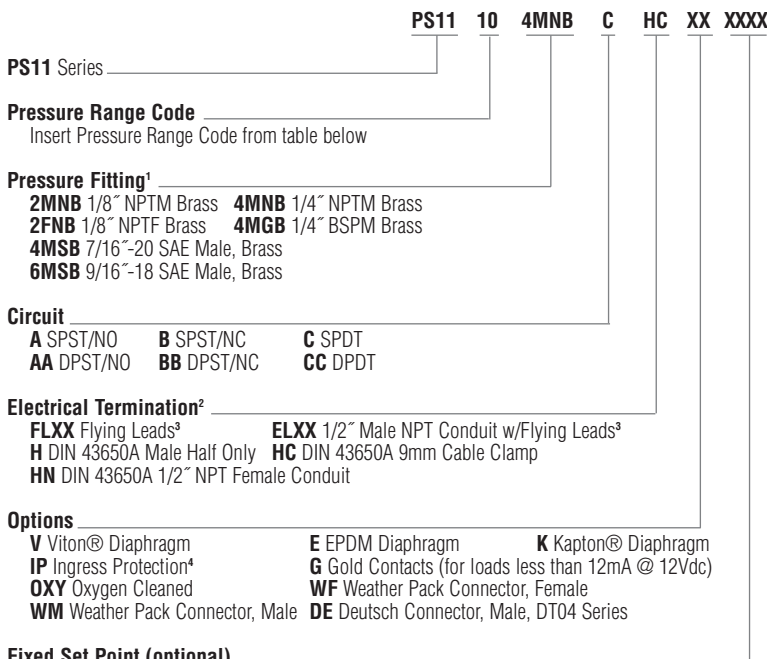
Operating Temperature	-40°C to +80°C (-40°F to +180°F)
Switch*	5 Amp at 24Vdc and 250Vac; 0.5 Amp @ 24Vdc (-G option)
Repeatability	±2% of Full Set Point Range at 20°C (70°F) ambient temp.
Wetted Parts	
Diaphragm	Nitrile (optional Viton®, EPDM or Kapton®)
Fitting	Brass
Housing	Brass
Electrical Termination	DIN 43650A IP65; Terminals IP00; Flying Leads IP65
Proof Pressure	10 bar (150 psi)
Approvals	CE, UL Approved units available
Weight, Approximate	0.14 kg (0.31 lbs.)



*Gold contacts (option G) may be required for less than 12Vdc and 20mA.

How to Order

Use the **bold** characters from the chart below to construct a product code.



Fixed Set Point (optional)

- A. Specify set point **FS** (in PSI or mBAR, see example)⁵
 B. Set Point Actuation
R on Rising Pressure **F** on Falling Pressure
 Example: **FS200MBARF** for 200 mBAR Falling or **FS3PSIR** for 3 PSI Rising

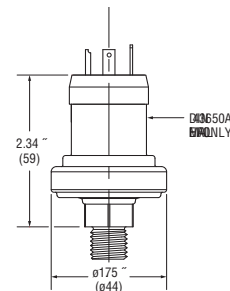
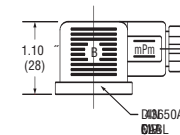
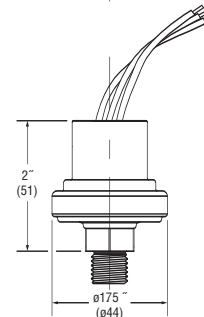
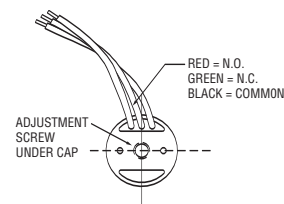
Notes:

- Other connectors available. Consult factory.
- DIN units are available with **C** SPDT circuit only.
- 18" is standard. Specify lead length in inches (max. 48"). e.g. **FL18** or **EL30**.
- Ingress Protection requires Fixed Set Point **FS**.
- Set Point must be within Pressure Range selected in Step 1 above.

Pressure Range Table

Pressure Range Code	Pressure Range	Average Dead Band
10	37.9-241.3 mbar (0.55-3.5 psi)	5-15 mbar (.07-02 psi)
20	206.8-827.4 mbar (3-12 psi)	20-45 mbar (.3-.6 psi)

Dimensions



Pin 1	Common
Pin 2	Normally Closed
Pin 3	Normally Open