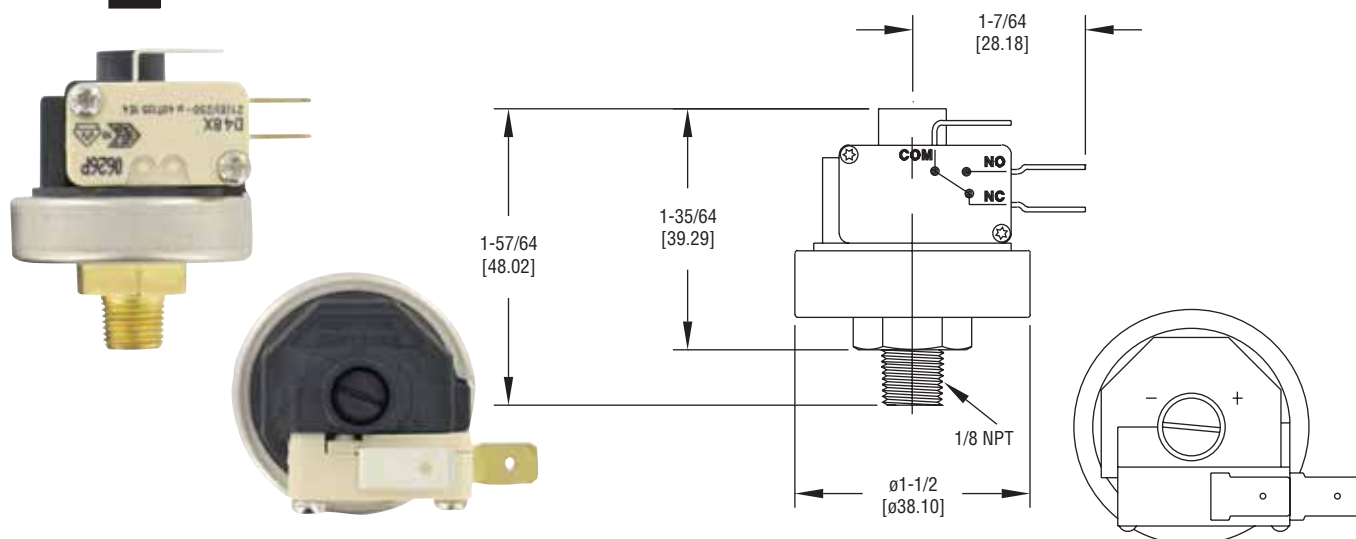




## Series A9 Mini Pressure Switch

### Specifications - Installation and Operating Instructions



**Series A9 Pressure Switches** are designed for controlling pressure with higher current capacity. These switches are used widely in steam cleaners, steam irons, and other pressure control systems. It provides SPDT contact and Series A9 Pressure Switches utilize high-quality miniature snap-action switches. The switch is diaphragm operated, boasting a high temperature rating and compact size.

#### INSTALLATION/MOUNTING

The switch can be mounted in any position. Do not twist the case when installing.

#### WIRING

All wiring must conform to the National Electrical Code and local regulations. Do not install the control to handle loads in excess of the electrical rating shown in the specifications. The terminals are labeled on the switch itself.

**CAUTION:** No lubrication or periodic servicing is required. Mount the control securely. Never exceed the electrical rating for the switch. Use the control only with compatible medias.

#### SPECIFICATIONS

**Service:** Non-hazardous gas, liquid, or steam.

**Wetted Materials:** Connection: Copper, Diaphragm: Silicone or Stainless Steel (see model chart).

**Temperature Limits:** See model chart.

**Pressure Limit:** See model chart.

**Repeatability:**  $\pm 5\%$ .

**Switch Type:** SPDT.

**Electrical Ratings:** 21A @ 125/250 VAC.

**Electrical Connections:** 1/4" (6.35 mm) male quick connect.

**Process Connection:** 1/8" male NPT.

**Weight:** 2.6 oz (75 g).

**Deadband:** See model chart.

#### MAINTENANCE

Upon final installation of the Series A9 Mini Pressure Switch, no routine maintenance is required. A periodic check of the system calibration is recommended. The Series A9 is not field serviceable and should be returned if repair is needed (field repair should not be attempted and may void warranty). Be sure to include a brief description of the problem plus any relevant application notes. Contact customer service to receive a return good authorization number before shipping.

Model Number	Range psig (bar)	Deadband psig (bar)	Max Pressure psig (bar)	Temperature Limit	Diaphragm Material
A9-1	2.9-8.7 (0.2-0.6)	2.9 $\pm$ 1.5 (0.2 $\pm$ 0.1)	43.5 (3.0)	185°F (85°C)	Silicone
A9-2	7.3-17.4 (0.5-1.5)	2.9 $\pm$ 1.5 (0.2 $\pm$ 0.1)	58.0 (4.0)	257°F (125°C)	Stainless Steel
A9-3	14.5-36.3 (1.2-2.5)	2.9 $\pm$ 1.5 (0.2 $\pm$ 0.1)	72.5 (5.0)	257°F (125°C)	Stainless Steel
A9-4	21.8-58 (1.5-4.0)	3.6 $\pm$ 2.2 (0.25 $\pm$ 0.1)	87.0 (6.0)	257°F (125°C)	Stainless Steel
A9-5	29-87 (3.0-7.0)	5.1 $\pm$ 2.9 (0.35 $\pm$ 0.2)	116.0 (8.0)	257°F (125°C)	Stainless Steel
A9-6	58-130.5 (5.0-9.0)	8.7 $\pm$ 2.9 (0.6 $\pm$ 0.2)	145.0 (10.0)	257°F (125°C)	Stainless Steel