

**Field Adjustable Design**  
**Diaphragm Switch**  
**Low Pressure: 3 to 125 PSIG**



### DESCRIPTION

The Model 768-C adjustable, diaphragm pressure switch is ideal for low pressure. The Delrin® housing makes this switch an excellent choice where sterilization and cleanliness are necessary. The compact size eases space requirements.

### FEATURES

- ✓ NEMA Type 2
- ✓ Low Hysteresis
- ✓ Accuracy
- ✓ Repeatability
- ✓ Wide Range of Media Compatibility

### APPLICATIONS

- ✓ Emission/Air Quality Monitoring
- ✓ Load Monitoring
- ✓ Water Systems

### STANDARD SPECIFICATIONS

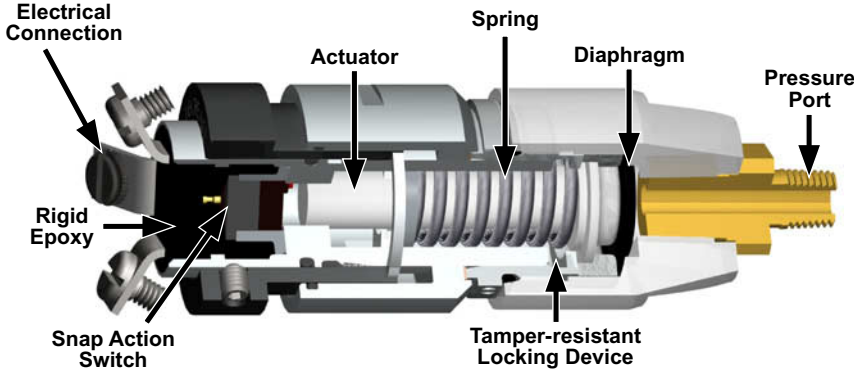
Pressure Connection	Electrical	Electrical Connection	Diaphragm Materials	Materials	Temperature Range	Shipping Weight
1/8"-27 NPT (Male)  Available in Brass and Stainless Steel	Snap-action Electrical Switch Listed by Underwriters Lab and CSA  At 28 VDC: 7 Amps Resistive; 4 Amps Inductive; 2 ½ Amps Lamp Load	S03 SPDT 3 Terminal Tabs #8-32 "SEMS" Screws	Nitrile (Buna-N) "O" Ring  Fluorocarbon	Hydraulic Housing Delrin®  Electric Module Anodized Aluminum	-40°F to + 160°F  -40°C to + 71°C	Approximately 4 oz

### OPERATING PRESSURE DATA

Series	Range Number	Pressure Range	Dead Band*	Max System Pressure	Proof Pressure
768-C	-35	3 - 35 PSIG	1.5 / 4.0 PSIG	150 PSIG	225 PSIG
768-C	-125	25 - 125 PSIG	2.0 / 6.0 PSIG	150 PSIG	225 PSIG

\*Interpolate for Intermediate Pressures

## BASIC PRINCIPLES OF DESIGN



## ORDERING SEQUENCE

### Series

- 768 - Adjustable Pressure Switch

### Pressure Connection

- 1 - 1/8" - 27 NPT (Male)
- 2 - 1/4" - 18 NPT (Male)

### Pressure Connection Material

- 1 - Brass
- 2 - Stainless Steel

### Type

- C - Adjustable Diaphragm Pressure Switch

### Electrical Connection

- C03 - SPDT - 3 Terminal Tabs with #8-32 "SEMS" screws
- C33 - SPDT - 3 #18 AWG Standard lead wires, 10" long
- C35 - SPDT - 3 #18 AWG conductor cable PVC insulation & jacket, 24" long
- Other Options Available

### Set Pressure to be Held On

- R - Rising pressure
- F - Falling pressure

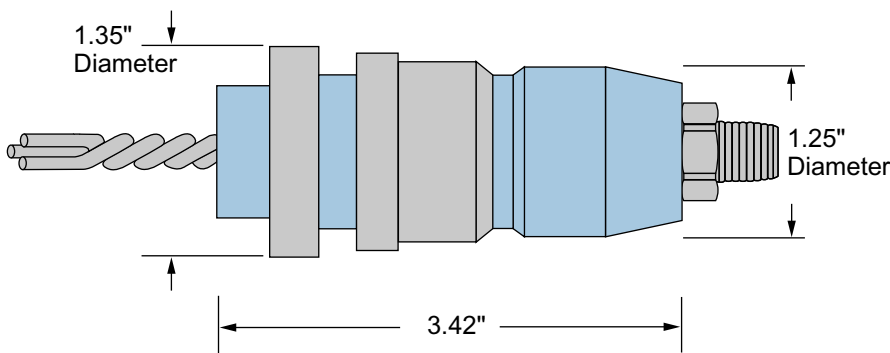
### Set Pressure

- Specify factory set pressure in 4-place PSIG (Example: 0100 for 100 PSIG)

### Diaphragm materials

- N - Nitrile (Buna-N) - Standard
- V - Fluorocarbon
- E - Ethylene Propylene
- Consult factory for other available materials and specials

## ENVELOPE DIMENSIONS



\*All dimensions are reference

## ORDERING PROCEDURE

Series Number	Pressure Port	Port Material	Adjustable Pressure Switch	Electrical Connector	Pressure Adjustment Range	Diaphragm Material
768.	1	1	C	03	0125	N
	↓	↓		↓	↓	↓
	1 = 1/8" 27 NPT (Male)	1 = Brass		03 = SPDT-3 Terminal Tabs	25-125 PSIG	N-Nitrile (Buna-N)

\*Insert available option number or letter as required

Example: 768.11-C03-0125 N