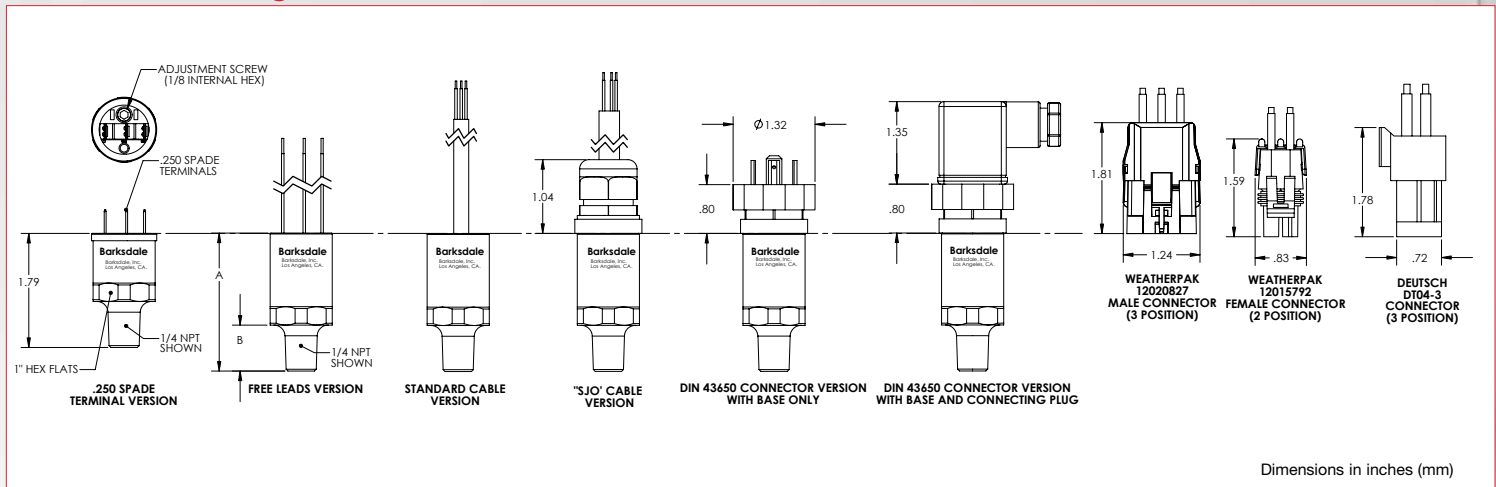


# Compact Pressure Switch

# Series 7000

## Technical Drawing



## Product Configurator

Example 72 4 S -2 4 -1 B

### Basic Configuration

71	Factory set & permanently locked
72	Field adjustable
73	Field adjustable with factory pre-set

### Pressure Range

Range	Adjustable Range				Approx. Deadband (Actuation Value) psi	*Operating Pressure (Max) psi	Max. Proof Pressure psi
	Decreasing - psi		Increasing - psi				
	Min	Max	Min	Max			
2	6	35	8	50	2 - 15	80	100
3	30	90	40	120	5 - 30	130	140
4 <sup>2</sup>	150	700	250	1000	30 - 300	4000	6000
5 <sup>2</sup>	500	2300	600	3000	100 - 800	4000	6000
6 <sup>3</sup>	20	150	30	200	10 - 100	700	2000
7 <sup>3</sup>	80	400	150	500	20 - 150	700	2000

\* Operating pressure is defined as the maximum pressure at which the pressure switch can maintain set point accuracy.

### Fitting Material

S	300 series stainless steel
B <sup>6</sup>	Brass (only available with pressure ranges 6 and 7, and 1/8" NPT process connection)

### Limit Switch

-1	SPDT, snap-action switch, 5 Amps @ 125/250 VAC (silver contacts)
-2	SPDT, snap-action switch, 0.1 Amps @ 125/250 VAC (gold contacts)
-4	SPST, N.O., snap-action switch, 5 Amps @ 125/250 VAC (silver contacts)
-5	SPST, N.C., snap-action switch, 5 Amps @ 125/250 VAC (silver contacts)
-6	SPST, N.O., snap-action switch, 0.1 Amps @ 125/250 VAC (gold contacts)
-7	SPST, N.C., snap-action switch, 0.1 Amps @ 125/250 VAC (gold contacts)

### NOTES:

- Not UL/CSA certified
- Piston models - only available in stainless steel
- Available only in brass fittings (use Viton diaphragms as standard - no price adder)
- Available only with stainless steel or brass, factory set & locked models
- Minimum quantities may be required.
- Brass fitting only available in 1/8" NPT, pressure ranges 6 or 7, electrical connections 3 or 4.

### Options

-Wxxx Extra wire length (XXX = inches)

### Set Point

-XXX Set point (not required for field adjustable)  
 R Rising pressure  
 F Falling pressure

### Wetted Material

B Buna-N  
 N Neoprene (not available with "F" fitting material)  
 V Viton® Diaphragm (not available with "F" fitting material)  
 D Disogrin O-ring (available in stainless steel & piston models only)

### Process Connection<sup>5</sup>

-1 1/8" NPTM  
 -2 1/4" NPTM  
 -3 7/16-20 with O-ring seal (available only with stainless steel models)  
 -4 G1/4 (available only with stainless steel models)

### Electrical Connection

1 .250 x .032 male spade quick disconnects (NEMA 1), not available with brass  
 2 .110 x .020 male spade quick disconnects (NEMA 1), not available with brass, only SPDT  
 3 Free leads. 18 gauge, 18" long (NEMA 1)  
 4 Unshielded PVC jacketed cable, 18 AWG, 18" long (NEMA 4)  
 5<sup>4</sup> DIN 43650-type connector - base only (available only with stainless steel & factory set models - NEMA 4)  
 6<sup>4</sup> DIN 43650-type connector - with base & plug (available with factory set models - NEMA 4)  
 7<sup>4</sup> SJO type cable, 3 wire, 18 AWG, 18" long (available only with factory set models - NEMA 4)  
 8<sup>1,5</sup> Weatherpak connector, female, 2-position, two 18" free wires, for normally closed circuits  
 9<sup>1,5</sup> Weatherpak connector, female, 2-position, two 18" free wires, for normally open circuits  
 10<sup>1,5</sup> Weatherpak, connector, male, 3-position, three 18" free wires, used only with SPDT limit switches  
 11<sup>1,5</sup> Deutsch connector, female, 3-position, three 18" free wires, used only with SPDT limit switches