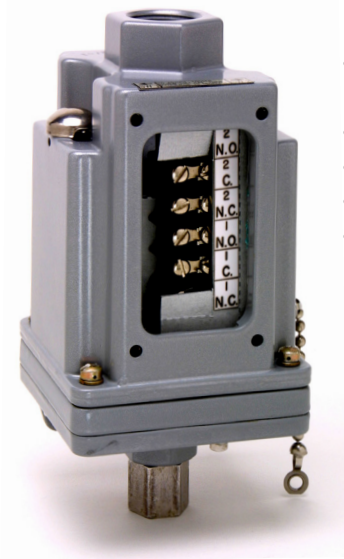




CustomControlSensors

Non-Hazardous Areas Adjustable Pressure Switch

6860G* & 6862G* - Diaphragm Sensor



DESCRIPTION

- Rigid and internally adjustable for convenient field set point adjustment.
- Repeatable and stable set points.
- High cycle life.
- High over-pressure capability.
- Allows for dual set points.

SHIPPING WEIGHT: APPROXIMATELY 43 OUNCES (1219 GRAMS)

SERIES:

- 6860G* - Single Setting
- 6862G* - Dual Setting

SET POINT RANGE:

GAGE PRESSURE:

- 1.5" H2O to 100 PSIG
- 3.74 mbar to 6.89 bar
- 0.374 to 689 kPa

OPERATING TEMPERATURE:

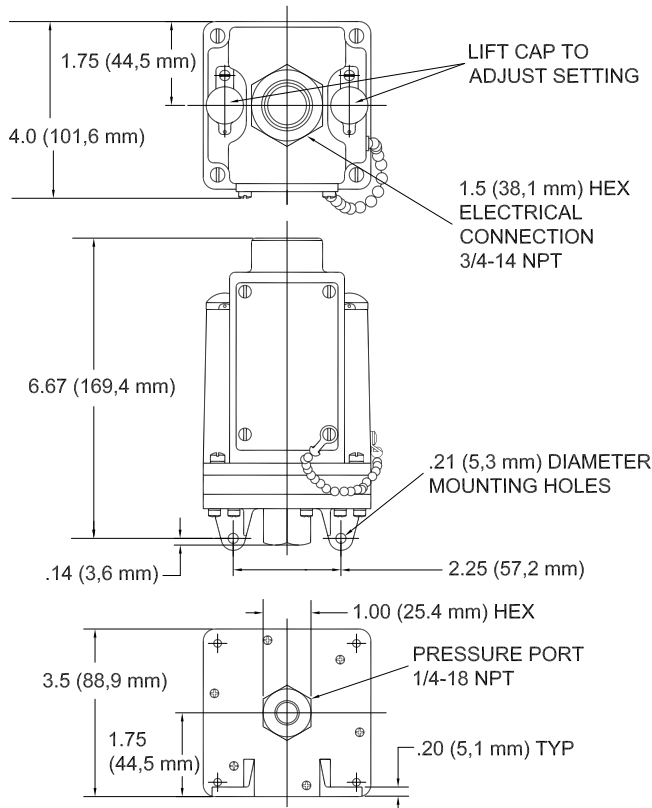
Temperature limits change with o-ring selection.

- 40° to 186°F
- 40° to 86°C

STANDARD FEATURES:

- CE Mark
- NEMA: 4, 13 / IP65
- Weatherproof

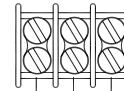
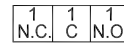
INSTALLATION DRAWING



6860G & 6862G SERIES

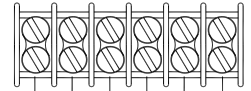
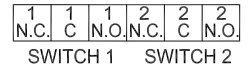
SCHEMATIC AND WIRING CODE

SINGLE SWITCH



INCREASING PRESSURE

DUAL SWITCHES



INCREASING PRESSURE 1
PRESSURE 2

FIELD SETTING: Lift cap and adjust screw clockwise to decrease. Counterclockwise to increase.

NOTE: DO NOT USE ELECTRICAL HEX FOR TORQUING.



CustomControlSensors

Non-Hazardous Areas Adjustable Pressure Switch

6860G* & 6862G* - Diaphragm Sensor

OPERATING AND ORDERING DATA

SERIES 6860G* SINGLE SETTING	WETTED PARTS: 1/4"-18 NPT ALUMINUM PRESSURE PORT, POLYIMIDE DIAPHRAGM, BUNA N O-RING				
	ADJUSTABLE SET POINT RANGE		APPROXIMATE DEAD BAND	SYSTEM PRESSURE PSIG (BAR)	PROOF PRESSURE PSIG (BAR)
	INCREASING PRESSURE	DECREASING PRESSURE			
6860G*0	5"-80" H ₂ O (12.4-199.3 mbar)	1.5"-76.5" H ₂ O (3.74-191 mbar)	2.5" H ₂ O (6.23 mbar)	35 (2.41)	50 (3.45)
6860G*1	1-27 PSIG (0.069-1.86 bar)	.95-26.75 PSIG (0.065-1.84 bar)	.1-2 PSI (6.89-13.79 mbar)	75 (5.17)	100 (6.89)
6860G*3	3-100 PSIG (0.21-6.89 bar)	2.8-98.5 PSIG (0.19-6.79 bar)	.2-1.0 PSI (13.78-68.9 mbar)	200 (13.79)	250 (17.24)
SERIES 6862G* DUAL SETTING	WETTED PARTS: 1/4"-18 NPT ALUMINUM PRESSURE PORT, POLYIMIDE DIAPHRAGM, BUNA N O-RING				
	ADJUSTABLE SET POINT RANGE		AVERAGE DEAD BAND	SYSTEM PRESSURE PSIG (BAR)	PROOF PRESSURE PSIG (BAR)
	INCREASING PRESSURE	DECREASING PRESSURE			
6862G*1	1-27 PSIG (0.069-1.86 bar)	.95-26.75 PSIG (0.065-1.84 bar)	.1-2 PSI (6.89-13.79 mbar)	75 (5.17)	100 (6.89)
6862G*3	3-100 PSIG (0.21-6.89 bar)	2.8-98.5 PSIG (0.19-6.79 bar)	.2-1.0 PSI (13.78-68.9 mbar)	200 (13.79)	250 (17.24)

HOW TO ORDER

Follow these steps to build your part number:

1. Specify the series based on your required set point, range, dead band, system pressure and proof pressure.
2. Add desired options model code letter.
3. Add the applicable standard suffix number.

(Ex: 6860G3-7008)

PRESSURE CONVERSION

1 BAR = 14.5 PSI
1 kPa = 0.145 PSI

OPTIONAL STANDARD MODIFIED SUFFIXES

7008: Gold Contacts

Note: Additional modified standard suffixes are available, consult CCS sales department or CCS Representative.

CERTIFICATIONS

Consult CCS website for complete certification and approval listing.

ELECTRICAL CHARACTERISTICS

RATING OF SWITCH ELEMENT

VOLTS	AMPERES	
	SPDT	Res.
125 AC - 50/60 Hz	15	
250 AC - 50/60 Hz	15	
480 AC - 50/60 Hz	15	
28 DC	-	
125 DC	.4	
250 DC	.2	
*125 AC - 50/60 Hz	1 max	
*30 DC	1 max	

*Gold Contacts -7008 Suffix