

Pressure Supervisory Switches

These switches are operated by supervised fluid pressure applied to a built-in bellows, diaphragm or Bourdon tube which is mechanically linked to the switch member. The normal arrangement provides for the switch contacts to open automatically if the supervised pressure is reduced to a potentially unsafe point. Other equipment then acts to shut down the combustion process, as applicable. For alarm or other purposes, the switch action may be the reverse.

Switches having a means of adjusting the operating pressure range require cover removal to accomplish adjustment.

When ordering, specify type, model, maximum operating pressure, temperature, fluid handled, electrical characteristics and operating pressure desired.

Pressure Supervisory Switches for Fuel Gas and Ventilating or Combustion Air

These switches may also be used as airflow interlocking switches and are recommended for safety cock applications.

Models AA-A1-0, AA-C2-4, GAO-A2, GAO-A4, GMH-A2, GMH-A4, GML-A2, GML-A4

Models AA-A1-0-2 (or 3, 4, 6); AA-A2 (or A4)-4 (or 6)-2 (or 3, 4, 5, 6); AA-C2-4-1 (or 2, 3); GAO-A2 (or A4)-4-2 (or 3, 5, 6, 8); GMH (or GML)-A2 (or A4)-4-4 (or 6, 8).

The six-place model designation scheme (three letter - one letter plus one digit - one digit - one digit) has the following significance:

Place	Character	Meaning
1	A G	Air Gas
2	A M	Automatic Reset Manual Reset
3	O or Blank H L	No limit High limit Low Limit
4	A1, A2, C2 or A4	Switch "Family"
5	0 1 2 3 4 6	No Electrical Protection (Designed for inside-enclosure mounting only) Minimal Electrical Protection Modest Electrical Protection (NEMA 1) Carbonate Cover, IP54, NEMA 12 NEMA 4 Bottom Inlet, Test Button
6	1 through 10	Pressure ranges from 0.08 to 0.6 through 400 to 2400 inches of water column (0.02 to 0.15 through 99 to 597 kPa)

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