

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.

Series Da-bc-de-f

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a = Type AF, SF, RF, AW, SW, RW, AHF, SHF or RHF.

b = Control number 2, 3, 4, 8, 22, 23, 24, 28, 52, 53, 54, 58, 702, 703, 704, 708, 722, 723, 724 or 728.

c = Case and pressure connection 1, 2, 3 or 4.

d = Switching arrangement 2, 3, 4, 36, 54, 103, 127, 152, 153, 156 or 804.

e = Operation response U or L, Types RF, RW and RHF only.

f = Pressure range 1, 3A, 4, 5, 5S, 6, 6E, 6S, 7, 8, 8S, 9, 9E, 9K, 9S, 10S, 11E, 11S, 12S, 13E, 13S, 21E, 22E, 23E, 23K, 24E, 24K or 26E.

Typical model designation: DAF-41-2-21E.

Case and pressure connection 4 available only on models with control numbers 2, 3, 22, 23, 52, 53, 702, 703, 722 or 723.

Types DAHF, DSHF and DRHF provide explosionproof enclosures for use in Class I, Division 1, Groups C and D and dust-ignitionproof for use in Class III, Division 1, Groups E and G hazardous locations.

Models DAW-b3-de-f, DSW-b3-de-f and DRW-b3-de-f provide rainproof and sleet-resistant (NEMA 3R) enclosures.

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Listing Country:	United States of America
Certification Type:	FM Approved