

## 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.

### Types KP 34, 35, 36, 37, Types KPI 35, 36, 38

Type KP followed by 34, 35, 36 or 37, with manual or automatic reset, adjusting range -2.9 to 300 psi (-0.2 to 20.7 bar) with fixed or adjustable differential. Type KPI followed by 35, 36 or 38, automatic reset, adjusting range -2.9 to 406 psi (-0.2 to 28 bar) with fixed differential.

Special Conditions of Use:

A supervisory switch can only be used with automatic reset when used in conjunction with an FM Approved burner management system.

Series KPI, when installed with hazardous live voltage at the relay, must include a suitable method of strain relief on the cable.

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<b>Listing Country:</b>	Poland
<b>Certification Type:</b>	FM Approved