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ADJUSTABLE PRESSURE SWITCHES - DSPA

INSTALLATION NOTES:

Please check the model designation of the pressure switch to ensure it is being used within its design range. The use of an incorrect switch may cause inadvertent operation or failure. Install the switch using the appropriate wrenches and sealants as called for. Refer to the table at the back for switch specifications and adjustment procedures.

ELECTRICAL CONNECTION:

The switch should be wired in accordance with the tables below.

Wire / Connector Termination

| Contact | DIN (pin #) |
|-----------------|-------------|
| Common | 1 |
| Normally Closed | 2 |
| Normally Open | 3 |

Electrical Ratings

| Voltage | Standard | Optional |
|------------|----------|----------|
| 12 - 24VDC | 5A | 10A |
| 125 VAC | 5A | 10A |
| 250VAC | 3A | 6A |

WARRANTY:

Switches are guaranteed for up to a period of one year from purchase date against faulty workmanship and materials. Please refer to our warranty documentation for further info.

OPERATING CHARACTERISTICS

| MODEL | ADJUSTMENT RANGE | AVERAGE DIFFERENTIAL | PROOF PRESSURE | ADJUSTMENT PSI per TURN * |
|-------|------------------|----------------------|----------------|---------------------------|
| 1 | 10-30 | NA | 500 | NA |
| 2 | 25-60 | NA | 500 | NA |

Note! All above specification are in psi.

Note! *Only an approximation.

ADJUSTING THE SET POINT:

The switch is factory set at the lowest value of the adjustment range. In order to change the setting of the switch follow the instructions below.

- Step 1: Pressurize the switch to the desired setting.
- Step 2: Insert a 5/64" allen key through the opening on the low side port of the switch.
- Step 3: Turn the allen key clockwise until the contact changes state, ie. from normally open to normally closed, or vice versa. Refer to the above chart for an approximation of the number of turns required.
- Step 4: Operate the switch through its normal cycle and make any necessary adjustments to the setting to compensate for differential. Turn the allen key clockwise to increase the setting and counter-clockwise to decrease.