

INSTALLATION INSTRUCTIONS

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. The switch should be wired in accordance with the tables and schematic below. Follow all applicable electrical requirement per the local electrical authority in your area.

Wire/Connector Termination

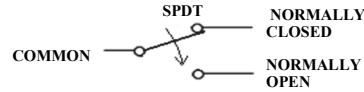
Contact	DIN HR, HCR, HNR
Common	Pin 1
Normally Closed	Pin 2
Normally Open	Pin 3

Electrical Ratings

Model	Standard Rating
Standard 5 amp Micro switch	12-24VDC: 5A (0) 125VAC: 5A (0) 250VAC: 3A (0)
Optional 10 amp Micro switch	12-24VDC: 10A (2) 125VAC: 10A (2) 250VAC: 6A (2)
Optional Gold Micro switch	12VDC: 20mA

(INDUCTIVE RATING)

Fig 1a. Circuit Diagram



OPERATING SPECIFICATIONS & CHARACTERISTICS

MODEL	ADJUSTMENT RANGE	AVERAGE DIFFERENTIAL	PROOF PRESSURE	ADJUSTMENT PSI per TURN
SDCA - 2	15 - 75	NA	12000	NA
SDCA - 3	50 - 150	NA	12000	NA
SDCA - 4	150 - 650	NA	12000	NA
SDCA - 5	500 - 1750	NA	12000	NA
SDCA - 6	1500 - 6000	NA	12000	NA

All above values in PSI

ADJUSTING THE SET POINT:

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

- Step 1: Pressurize the switch to the desired setting.
- Step 2: Remove the lid located at the top of the switch
- Step 3: Insert a 1/8" allen key through the opening on the top center of the switch.
- Step 4: 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 5: Operate the switch through its normal cycle and make any necessary adjustments to the setting to compensate for differential. Turn the allen key clock wise to increase the setting and counter-clockwise to decrease.