

# OPTIMAX® SERIES SWITCH INSTALLATION

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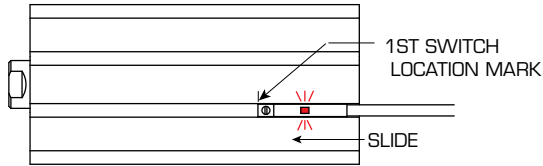


FIGURE 1

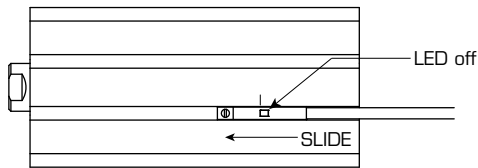


FIGURE 2

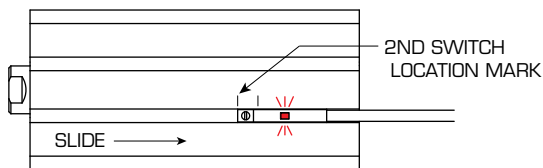


FIGURE 3

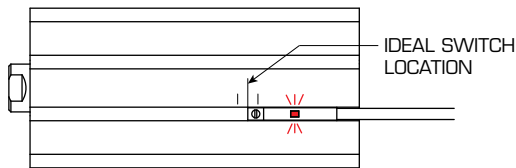


FIGURE 4

## SWITCH INSTALLATION PROCEDURES

- 1) Connect switch per appropriate wiring diagram shown below
- 2) Adjust actuator to desired location
- 3) Insert switch into slot and slowly slide switch stopping when LED indicator turns on
- 4) Mark the switch location at which the LED turns on (FIGURE 1)
- 5) Continue to slide switch until LED turns off (FIGURE 2)
- 6) Reverse direction and slowly slide switch stopping when LED indicator turns on
- 7) Mark the switch location at which the LED turns on (FIGURE 3)
- 8) Position switch midway between 1st and 2nd location marks (FIGURE 4)
- 9) Secure switch by tightening mounting screw - DO NOT OVER TIGHTEN
- 10) **If application allows piston rod to rotate, then verify switch function by fully rotating piston rod**
- 11) If switch loses function as piston rod is rotated, then rotate rod 180° from initial set-up and repeat steps 2 thru 7 (FIGURE 5)
- 12) Position switch within the initial and rotated range marks (FIGURE 5)
- 13) Secure switch by tightening mounting screw - DO NOT OVER TIGHTEN

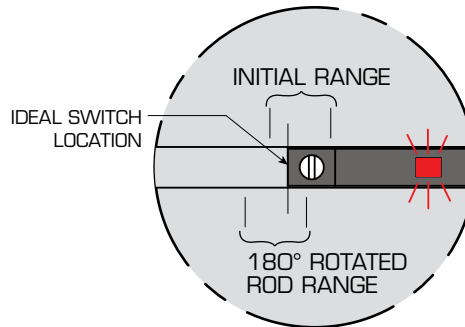


FIGURE 5

SWITCH CIRCUIT TYPE	Model	Wiring Diagram
86725-0 REED SWITCH	<b>phd OPTIMAX</b> REED DC 5-30V, 50mA MODEL: 86725 - 0	
86726-0 SOLID STATE SINK/NPN	<b>phd OPTIMAX</b> NPN SOLID STATE DC 5-30V, 50mA MODEL: 86726 - 0	
86727-0 SOLID STATE SOURCE/PNP	<b>phd OPTIMAX</b> PNP SOLID STATE DC 5-30V, 50mA MODEL: 86727 - 0	

## Replacement Switches

Part Number	Description
86725-0	Reed DC 5-30 V, 50 mA, Quick Connect
86726-0	Sink Type (NPN), DC 5-30 V, 50 mA, Quick Connect
86727-0	Source Type (PNP), DC 5-30 V, 50 mA, Quick Connect



**NOTE:** Failure to connect switches per appropriate diagram may result in permanent switch damage

For additional technical assistance, call or visit our website:

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