nexen

PROXIMITY SENSOR MOUNTING INSTRUCTIONS

1. Apply air to the brake.

2. The sensor comes with two hex nuts and two toothed washers. Remove one hex nut and one toothed washer.

3 Screw the sensor into the brake housing using the hole provided. Screw in by hand until resistance is felt. The sensor will be protruding out of the brake approximately 35.1 mm (1.38 inches)

Note: Do not continue to screw the sensor in if resistance is felt, doing so will damage the sensing end.

4. Unscrew the sensor 3 full revolutions. This is the starting point for fine tuning the sensor

5. Apply power to the sensor to verify that it is reading correctly. There is an LED on the upper part of the sensor body. When the LED is illuminated, the sensor is reading that the brake is disengaged. Screw the sensor out until the LED disappears. Then screw the sensor in until illuminates again.

6. Hold the sensor by the hex at the top and tighten one of the hex nuts snug against the body of the brake. There should be a toothed washer between the body of the brake and the hex nut. Tighten until snug.

Caution: Do not overtighten, doing so will damage the sensor.

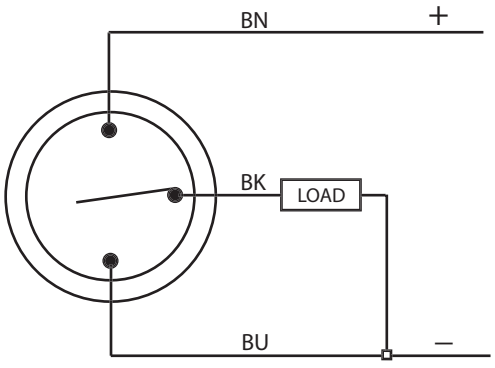
7. Remove air from the brake. The LED on the prox sensor should should not be illuminated. If it is illuminated, repeat steps 3 through 6.

8. The power may be removed from the sensor, and the brake can be mounted as described in the installation manual.

Caution: The brake must be handled with care, the proximity sensor can easily be damaged.

Specifications:

Power: 10-30 VDC
Switching Frequency: 3000 Hz



PNP (SOURCING)