Installation Information

LIPS® P133 MID STROKE LINEAR POSITION SENSOR

Gain and Offset Adjustment: (Where accessible - Typically ± 10% Min available)
To adjust the gain or offset use a small potentiometer adjuster or screwdriver 2mm across. Do not apply too much force on the potentiometers.

Mechanical Mounting: Flange mounted or by clamping the sensor body - body clamps are available, if not already ordered. The flange slots are 4.5 mm by 30 degrees wide on a 48 mm pitch.

Output Characteristic: Plunger extended, at start of normal travel, from mounting face by:
- Standard body: 42.5 mm
- Flanged body: 28 mm

*Note: where ball end option is fitted add 5 mm.
The output increases as the plunger extends from the sensor body, the calibrated stroke is between 51 mm and 100 mm.

Incorrect Connection Protection levels:-
A Not protected – the sensor is not protected against either reverse polarity or over-voltage. The risk of damage should be minimal where the supply current is limited to less than 50mA.
B & D Supply leads diode protected. Output must not be taken outside ± 12V.
C & G Supply leads diode protected. Output must not be taken outside 0 to 12V.
E, F & H Protected against any misconnection within the rated voltage.

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