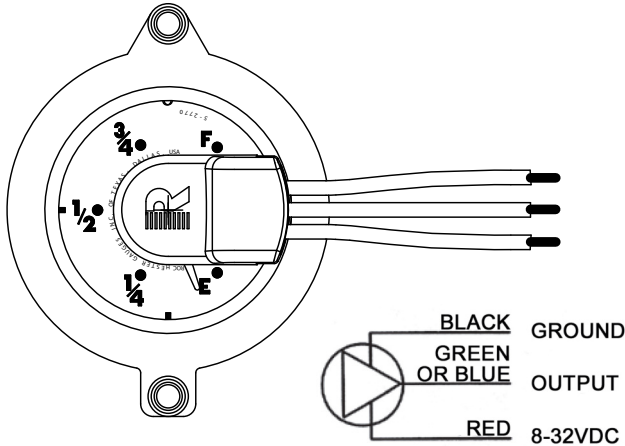




Hall Effect Twinsite® Industrial

8-32 VDC Intended for Industrial and Vehicular Service Applications

Hall Twinsite®
Pin Output Diagram



Best accuracy will be obtained using the calibration data in the table below:

Graduation	Nominal Reference Volts
E-Stop	0.3*
1/4	1.2
1/2	2.5
3/4	3.7
F	4.5

* To assure that indicator registers empty, set empty indication to at least 0.5 volts.

Notes for TwinSite® :

- The Device is intended for supply voltage of 8 VDC to 32 VDC. Operating temperature -40° to 80°C.
- Over voltage 32 VDC maximum.
- Reverse voltage 200V maximum.
- The typical current draw is 8mA at VCC=12 VDC.
- The output is 0.3 to 4.5, see chart.
- Settling time is 1.5 Microseconds and does not include any circuitry outside TwinSite®.
- Due to temperature compensation for magnet, voltage output will drift up to 40mV if power is applied for more than a few seconds.
- While maximum rated load is one mA, for best accuracy, the actual load should be 100 uA or less.
- Like many amplifiers, the output amplifier of the sender will become unstable when driving capacitive loads. These senders are usually stable with a maximum input resistance of 150 Ohms and with maximum load capacitance, including cable and load not over 0.3uF at room temperature. Careful design is required to minimize these factors. If they can not be eliminated, testing must be done to insure that the system operates correctly under all conditions.

Warning: Not intended for use in hazardous locations. Do not connect to circuits and power sources where connection of non-intrinsically safe power could cause fire or explosion of flammable vapor which may be present.

Note: Materials and specifications are subject to change without notice.

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