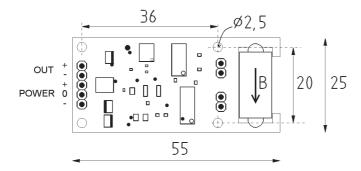
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Fluxgate magnetic field sensor FL1-100



Specifications

 $\begin{array}{lll} \mbox{Measurement range} & \pm 100 \ \mu\mbox{T} \\ \mbox{Calibration accuracy} & 0.5\% \\ \mbox{Offset error} & <200 \ \mbox{nT} \\ \mbox{Operating temperature} & 0 \ \mbox{to} \ +70 \ \mbox{°C} \\ \mbox{Zero drift} & <0.1 \ \mbox{nT/K} \\ \end{array}$

Supply voltages $$\pm 12$ to 16 V$ Current consumption @ \pm 12 V \$+ 30 mA, -15 mA

Analog output $0.1~\text{V}/\mu\text{T, max.}~\pm10~\text{V}$ Bandwidth 0~to~1~kHz~(-3~dB) Noise $<20~\text{pT/Hz}^{1/2}~@~1~\text{Hz}$ Power supply rejection >100~dB

Power supply rejection >100 dEDC output impedance $<1 \Omega$

Dimensions 55 mm \times 25 mm \times 11 mm

Weight 10 g Connector 5 contacts

Subject to alterations.