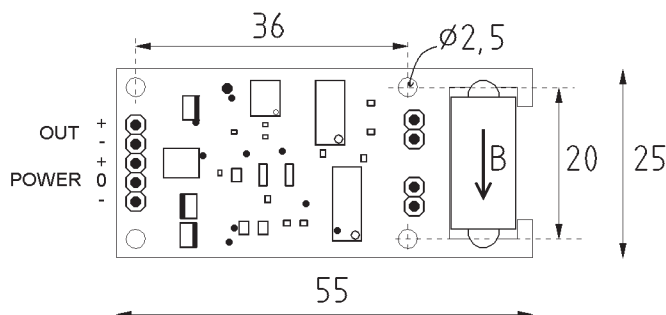


Fluxgate magnetic field sensor FL1-500



Specifications

Measurement range	$\pm 500 \mu\text{T}$
Calibration accuracy	0.5%
Offset error	$< 300 \text{ nT}$
Operating temperature	0 to $+70 \text{ }^{\circ}\text{C}$
Zero drift	$< 0.5 \text{ nT/K}$
Supply voltages	± 12 to 16 V
Current consumption @ $\pm 12 \text{ V}$	+30 mA, -15 mA
Analog output	0.02 V/ μT , max. $\pm 10 \text{ V}$
Bandwidth	0 to 1 kHz (-3 dB)
Noise	$< 20 \text{ pT/Hz}^{1/2}$ @ 1 Hz
Power supply rejection	$> 100 \text{ dB}$
DC output impedance	$< 1 \Omega$
Dimensions	55 mm $\times$ 25 mm $\times$ 11 mm
Weight	10 g
Connector	5 contacts

Subject to alterations.