Fluxgate magnetic field sensor FL1-100

Specifications

Measurement range ±100 µT
Calibration accuracy 0.5%
Offset error <200 nT
Operating temperature 0 to +70 °C
Zero drift <0.1 nT/K

Supply voltages ±12 to 16 V
Current consumption @ ± 12 V +30 mA, −15 mA

Analog output 0.1 V/µT, max. ±10 V
Bandwidth 0 to 1 kHz (−3 dB)
Noise <20 pT/Hz^{1/2} @ 1 Hz
Power supply rejection >100 dB
DC output impedance <1 Ω

Dimensions 55 mm × 25 mm × 11 mm
Weight 10 g
Connector 5 contacts

Subject to alterations.