

Datasheet

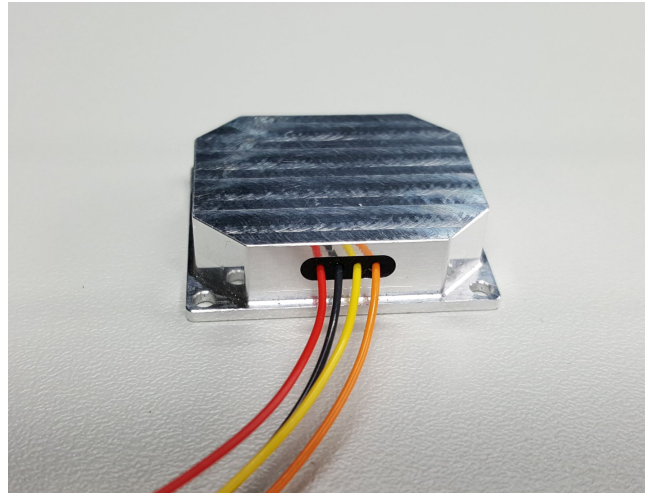
Gyroscope G-200

www.elmspace.space

The ElmSpace G-200 is a triaxial, 20 krad radiation hard, temperature compensated, shock- and vibration resistant gyroscope for spacecraft applications.

Data Output [32 bit]:

- angular rate [deg/sec]
- increment angle [deg]
- relative angle [deg]



Parameter	Value	Unit
Mass	12	g
Dimension	34 x 29 x 9	mm
Operating Voltage	3.3	V
Power Consumption	0.11	W
Operating Temperature	-40 ... +85	°C
Angular Random Walk	0.2	°/√h
Bias instability	1.5	°/h
Range (adjustable)	±125	°/s

Interface Options

- UART TTL 3V3, 57600 Baud (variable)

Further information on request