



GYRN3

Digital 1, 2 or 3 axis Gyroscope

Spécifications

Ranges	50°/sec, 100°/sec, 150°/sec
Supply	5 à 16V
Current consumption	28mA
Output impedance	47 ohms
Linear analog output	0.4V to 4.6V, 2.5V at 0°/sec
Linearity	+/- 0.5°/sec
Cut off frequency	40 Hz 5th order
Operating temperature	-20°C to + 85°C
Storage temperature	-40°C to + 125°C
Combined thermal shift	+/-0.02% FS/°C
Max Shock	1000 G
Protection	IP66
Aluminium housing Dimensions	25 x 24 x 8mm
Weight with cable	30g

Parameters

Range	+/- 50°/s, +/- 100°/s, +/- 150°/s
Accuracy	2%
Sensitivity (mV/°/s)	40, 20 and 13.3 mV/°/s
Error at 0°/s	+/- 0.5°/s
Cross Axis Sensitivity	1.5 % Max
Max Offset Drift from 20 to 80°C	+/- 0.5°/s
Max Gain Drift from 20 to 80°C	1.5 % Max
Cut Off frequency	40 Hz 5th order

Connections

1 m cable of 6 x AWG26 tinned copper isolation FEP
 Black FEP isolation 250V-200°C
 50mm sleeve of DR25-TW-1/8-0-SP

Red	+ 5 to 16V
Black	0V
Braid	Not connected to Case
White	X axis analog output
Green	Y axis analog output
Yellow	Z axis analog output

