



GYRN3 – 2 or 3 Axis

Digital 2 or 3 axis gyroscope

Range
Accuracy
Sensitivity
Cut off frequency 5th order

Supply voltage
Supply current
Output impedance
Linear analog output
Output signal at 0°/sec
Error at 0°/sec
Cross axis sensitivity

Offset drift (20 to 80°C)
Gain drift (20 to 80°C)

Housing
Dimension
Weight

Vibration test
Shock

Operating temp
Storage temp

$\pm 50, \pm 100, \pm 150$ °/s
 ± 2 % FS
 40, 20, 13.3 mV/°/s
 40 Hz

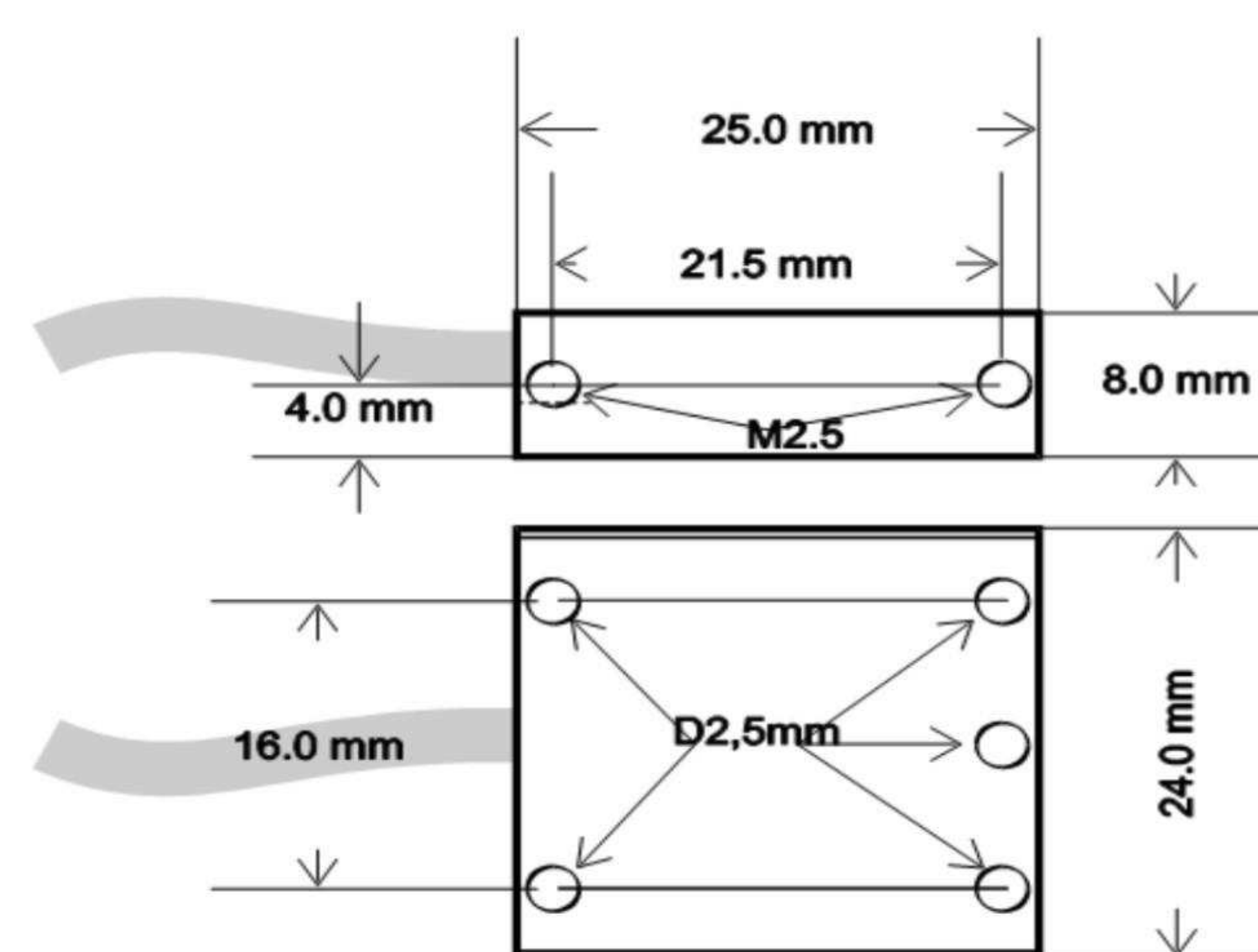
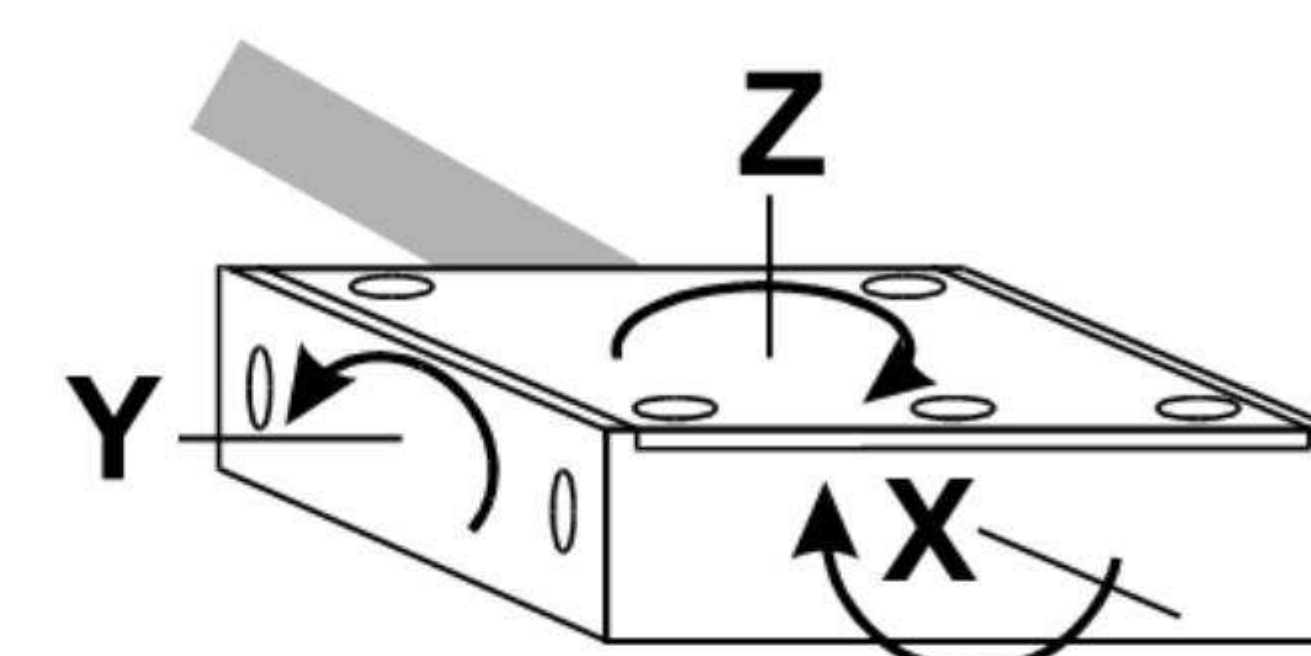
5 to 16 V
 28 mA
 47 Ω
 0.4 to 4.6 V
 2.5 V
 ± 0.5 °/s
 2.5 %

± 0.5 °/s
 ± 1.5 %

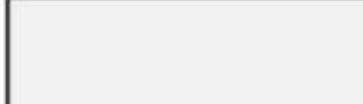
Aluminium
 25x24x8 mm
 30 g

20 Gpp 5'
 1000 G

-20 to +85°C
 -40 to +125°C



Calibration table			
°/s	± 50 °/s 40mV/°/s	± 100 °/s 20mV/°/s	± 150 °/s 13,3mV/°/s
-150			0.5
-100		0.5	1,17
-50	0.5	1.5	1,83
0	2.5	2.5	2.5
+50	4.5	3.5	3.17
+100		4.5	3,83
+150			4.5

 Out of Range

Ordering ref ex: GYRN3-XA-YB-ZC

GYRN3-XRange-YRange-ZRange

Range			
A	B	C	N
50°/s	100°/s	150°/s	Not wired

1 m cable of 6X26AWG FEP
 tinned copper braided cable 250V 200°C

Red Supply
Black 0 V
White Signal X
Green Signal Y
Yellow Signal Z
Blue Diag (not to be connected)
Braid Not connected