

Inputs: -			Simultaneous Outputs: -			
Supply Voltage Range	11 - 40Vdc		1 or 2 Channels NMEA 0183 Isolated RS422 Outputs independently selectable 4800 baud IEC61162/1 or 38400 baud IEC61162/2			
Power Consumption	2.0W					
Illumination Max	2.5W					
Step by Step Gyro Input: -			Channel 1 (NT990HDI/1)			
	'S' Type	'M' Type	Sentence Type	\$HEHDT	\$HEROT	\$VDVHW
Step Voltage Range	10 - 115Vdc	10 - 115Vdc	Update Rate 4800 Baud	1Hz	5Hz	-
Steps per Degree	3, 6 & 24	12		10Hz	5Hz	-
Resolution	0.1° - 0.33°	0.1°		20Hz	1Hz	-
Follow Up Rate (min)	40° / sec	40° / sec		10Hz	5Hz	5Hz
Max Consumption	4mA / line	4mA / line	Update Rate 38400 Baud	40Hz	-	-
Synchro Gyro Input: -				40Hz	5Hz	-
Ratio	1:1	36:1, 90:1, 180:1, 360:1		40Hz	-	5Hz
V Ref Range	10 - 115Vac	10 - 115Vac		40Hz	5Hz	5Hz
Max Consumption	2mA	2mA	Channel 2 (NT990HDI/2 Only)			
V Sig Range (-30% +10%)	11 - 90Vac	11 - 90Vac	Sentence Type	\$HEHDT	\$HEROT	\$VDVHW
Frequency Range	50 - 500Hz	50 - 500Hz	Update Rate 4800 Baud	1Hz	5Hz	-
Resolution (Internal / Display)	0.25° / 0.5°	0.1° / 0.1°		10Hz	5Hz	-
Follow Up Rate (min)	50° / sec except 360:1 @ 24° / sec			20Hz	1Hz	-
Speed Log Input Data: -			Update Rate 38400 Baud	10Hz	5Hz	-
Speed Input Range	0.1 to 50 Knots			40Hz	-	-
Pulse Rate	200 or 400 p.p.NM			40Hz	5Hz	-
Min Pulse Width	4.0mS			40Hz	-	-
Signal Voltage	10 - 70Vdc		Test / Certification Standards: -			
Operating Temp Range			General Requirements IMO A.694 (17)			
Compass Safe Distance			Test standards: - IEC 60945 (2002) IEC 61162-1, IEC 61162-2 BSH Spec., Error management			
Mechanical Data: -			Type Test Certification: - Bundesamt für Seeschifffahrt und Hydrographie (BSH Germany) Certificate N° BSH/6161/003/2004			
Width	120mm					
Height	190mm					
Depth	55mm					
Weight	0.9Kg					