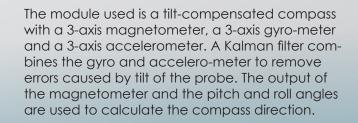
Mag3 underwater orientation system max. depth 7000 m.



The Mag3 is suitable to determine the orientation in the magnetic field, the position (inclination) as well as the depth. The integrated magnetometer measures three mutually perpendicular components of the magnetic field vector. In combination with integrated tilt sensors, the compass direction is correctly determined even if the probe is tilted.



Mag3 underwater orientation system	
Pressure resistance	2000 dbar or 6000 dbar
Housing material	Brass (2000 dbar), Titanium (7000 dbar)
Dimensions	145 mm length (without plug), 40 mm diameter
Compass resolution	0.1°
Heading	0360° ± 0.5°/1°/1.5° (inclination 0°/30°/60°)
Roll angle	± 180°, ± 1° (up to 30° inclination)
Pitch angle	± 90°, ± 1° (up to 30° inclination)
integrated pressure sensor	± 0.5% over the temperature range 050°C
Measuring rate	1/s (standard), 10/s (optional)
Temperature	-10+50°C for storage, -5+40°C for operation
Power supply	930 VDC, ca. 0.3 W
Used for	CTD60Mc, CTD75M, CTD90, CTD90M, CTD115M







Arndtstrasse 9-13

24610 Trappenkamp Germany +49 4323 91 09 13



+49 4323 91 09 15



sales@sea-sun-tech.com www.sea-sun-tech.com