



SUBSEA TECHNOLOGY & RENTALS

# STR COMBINED COMPASS AND DEPTH SENSOR

The **STR Combined Compass and Depth Sensor** is a low cost, fully integrated North seeking compass and pressure sensor, designed for a wide range of subsea applications.



The sensor is depth-rated to 3000m and fitted with a high resolution 300 bar pressure transducer as standard, with other pressure ratings available on request. The unit achieves full heading accuracy at start-up, and it's exceptionally small size allows the sensor to be used in many underwater applications.

## KEY FEATURES

- Integrated subsea compass and depth sensor
- Low cost and lightweight design
- 3000m depth rating
- OEM versions available

# STR COMBINED COMPASS

## AND DEPTH SENSOR

### ELECTRICAL

**Interface:** RS232, 9600 baud  
**Power Input:** 12V to 26VDC @ 60mA (100mA surge)

### SENSOR

**Heading Accuracy:** 0.8 deg  
**Tilt Range:** +/-50 deg  
**Depth Sensor Range:** 300 bar\*  
**Depth Sensor Accuracy:** 0.1% FS (3m approx at full scale)  
**Depth Sensor Resolution:** 0.01 bar (0.1m)  
**Max Output Rate:** 10 readings per second

\*Other options available on request

### MECHANICAL

**Diameter:** 75mm  
**Length:** 327mm  
**Weight in Air:** 2.2kg  
**Standard Housing:** Hard Anodised Aluminium  
**Connector:** Subconn MCBH6MSS  
**Operating Temperature:** -10 to +40°C  
**Depth Rating:** 3000m