



SKRS

SeaKing Roll Sensor

The SKRS Roll Sensor from Tritech has been specifically designed to meet the demand for real-time roll corrected profile data.

When interfaced to a SeaKing or SeaPrince mechanical scanning profiler the SKRS allows real time roll correction of survey data.

Roll data is continuously broadcast and sampled in real time with the profiler data. The sampling is carried out on a ping-by-ping basis and integrated seamlessly into the profile data stream.

The SeaNet SCU software displays the measured roll angle and corrected profiles on the online display. Raw and corrected data is made available for interfacing to the survey computer with time-sampled identification.

Designed specifically to increase the efficiency of pipeline profile surveying the SKRS has been built with the provision being made for the addition of a tilt sensor inside the same housing.



Specifications

Total range:	+/-60°
Linear range:	+/-45°
Threshold:	0.001°
Linearity:	+/-0.1° (Null to 10°)+/-1° (10° to 45°)
Null repeatability:	0.05°
Time constant:	0.3 sec
Freq. response (-3bd)	0.5 Hz
Operating Temp:	-10 to +35°C
Storage Temp:	-50 to +50°C
Voltage:	24-28 VDC
Weight in air:	3.0kg
Weight in Water:	1.8kg
Length:	187mm
Diameter:	110mm
Communication:	ArcNet

All specifications are subject to change in line with Tritech's policy of continual product development.

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