

Rudder Feedback Unit that Can Operate Underwater!

Sentinel, a Beier Radio company, has designed and manufactured a unit that can actually flood, and still provide accurate positioning to the control systems.*

Triple-sealed Drive Shaft Hub with oil embedded sleeve bearing

Polished 316 stainless steel linkage shaft. Adjustable to 15-5/8" length from center of rotation.

IP67 Rated external connectors. Factory supplied cables available in five pre-cut lengths. No drilling required, reducing installation time. No internal wiring eliminating wiring errors and faults.

Stainless steel ball joint rod end. PTFE lubricated. 3/8"

Splitters allow two sensors to be combined in one external cable reducing cabling requirements and installation time while maintaining full sensor and power independence.

3/8" Vintec PVC plastic Housing. Constructed to IP68 standards. Rated for 180°F softening point. 12,800 psi yield strength.

Non-contact inductive resonance encoders. IP67/IP69K degree of protection. Simultaneous 0-10VDC & 4-20ma outputs. Watertight components and connections. Program in seconds.

IP68 rated proximity sensing limit switches. No mechanical levers or springs to wear and change stop positions over time. Sealed connectors prevent wire connection failure from causing false stops.

Self-lubricated bearings.

316 Stainless Steel polished shafting.

Flush mount, cork gasketed cover with sealed fasteners allow easy access to components while preventing water intrusion.



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**Note: It is not the intent of Sentinel Control to install this unit in a tank or compartment designed to be flooded, however if the steering compartment is flooded for any reason, this unit is designed to operate submerged and provide accurate position information.*