SEASTAR™

SEASTAR SMARTSTICK

APPLICATIONS

- Non-contact sensing - no moving parts to wear
- Convenient installation - no linkages or external parts to mount
- Electrical components sealed in potting - corrosion resistant

smartstick enhancements include:

- No external black box – electronics integrated into sensor body, making cable easy to route through rigging with no splicing
- 35' of cable can be trimmed to any length and jacket is labelled
- Digital Electronics are more immune to electromagnetic interference (EMI) – cleaner signal allows autopilot to perform better
- Installation of sensor is more convenient and faster
- Part Numbers are autopilot specific, no jumpers to cut
- Lower cost

SmartStick is a non-contact autopilot position sensor that mounts to SeaStar Solutions outboard front mount cylinders (HC5345, HC5358*).
The new SmartStick models replace the previous generation AR4102 and AR4202 models. There are three new SmartStick models available.

ORDER INFORMATION

MODEL	AUTOPILOT	OUTPUT
AR4502RM	Ray Marine Installations Only	2.2V to 2.8V
AR4502SI	SimRad Installations Only	2.8kHz to 4.0kHz
AR4502	Generic	0.5V to 4.5V

SPECIFICATIONS

AR4502 SERIES	
Range	8.0"
Resolution	0.012"
Linearity	0.048"
Repeatability	0.024"
Environmental Resitstance	- Salt Spray 1000 hours - IEC IP67 (Submersible to 1m) - Immune to dirt, oil, SAE Fluids - Thermal Shock and Vibration Resistant (MIL-STD810F)

*HC5358 must be installed on Yamaha and Evinrude engines with AR4502 series SmartSticks to ensure adequate clearance. Installing AR4502 series with HC5345 on Yamaha and Evinrude outboards may result in interference between the sensor and the cylinder.

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