MARINE NAVIGATION EQUIPMENT

HLD-RAIS 100 Rudder Angle Indication System

ISO9001 Supplier

Class Certificate

Export Supply

The rudder angle transmitter is mechanically linked and synchronised to the rudder stock, to simultaneously transmit the rudder angle information to the connection unit. The connection unit process the rudder angle value...



Key Highlights

Category	Marine Navigation Equipment
Standard	DIN
Weight / Size	The dial rudder angle indicator is available in three square sizes:
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Marine Navigation Equipment	**Model / SKU**	HLD-RAIS-100-Rudder-Angle-Indication-System
Standard	DIN	**Weight / Size**	The dial rudder angle indicator is available in three square sizes:
Surface	Wheelhouse indicators are a three-face 270° panoramic type for mounting to overhead along with a series of port-starboard dial devices in different enclosures for recessing in console or fixing with bracket to console surface or bulkhead. All RAIs are regulated in illumination by a separate dimmer.	**Certificate**	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	**Origin**	China

China HLD-RAIS 100 Rudder Angle Indication System:

The rudder angle transmitter is mechanically linked and synchronised to the rudder stock, to simultaneously transmit the rudder angle information to the connection unit. The connection unit process the rudder angle value and transmits rudder angle value to all connection indicators. The transmission is a chieved using with the latest can bus technology that allows self-synchronization of the indicators and ease of calibration of the system. An unlimited number of indicators can be connectd to the system. The systems also provides outputs in IEC61162 format for external equipment.

The Highlander rudder angle indicator (RAI) system accurately transfers the rudder stock angular position from steering gear room to wheelhouse.

Steering gear hardware consists of a microprocessor-based transmission unit (one per rudder) and a precision mechanical linkage assembly.

Wheelhouse indicators are a three-face 270° panoramic type for mounting to overhead along with a series of port-starboard dial devices in different enclosures for recessing in console or fixing with bracket to console surface or bulkhead. All RAIs are regulated in illumination by a separate dimmer.

The dial rudder angle indicator is available in three square sizes: 192 mm., 144 mm. and 96 mm. Rudder angle faceplates are available in three graduations: ±35°, ±45° and ±65°.

The RAI system is fed with electrical power from its central connection and distribution unit.

All devices are robust in construction and are highly tolerant of vibration and shock.

Features:

Fully digital design,standard IEC61162 interface between modules for high reliability.

Flexible and scaable configuration,sutiable for allt ypes of vessels such as yacht,fishing boat,working boat,bulk and container vessel. High precision indicationi,fast response.

Day and night illumination mode. Scale markings style can be customized according to requirements.

Easy installation and simple calibration.

Built-in dimming,remote dimming and centralized dimming.

Provides rudder position information and system status to VDR or other equipement.

Operates on main power and emergnecy power with automatic changeover.

Visual alarm indication, alarm ouput to external alarm system.

Complies with IMO resoluation A.1021.

System Configuration:

