

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

RUDDER ANGLE INDICATOR

RAI TYPE Rudder Angle Indicator

1.high indicating precision; 2.no any noise; 3.direct and clear indication; 4.RAI-1 and RAI-2
This RAI rudder angle indicator can be equipped with multiple single-face rudder angle indicators. The sign...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Rudder Angle Indicator
Standard	EN
Weight / Size	Overall dimensions:
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	Rudder Angle Indicator	Model / SKU	RAI-TYPE-Rudder-Angle-Indicator
Standard	EN	Weight / Size	Overall dimensions:
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

CONTENTS

- China RAI TYPE Rudder Angle Indicator:

- TECHNICAL DATA:

 0.041248s

China RAI TYPE Rudder Angle Indicator:



- 1.high indicating precision;
- 2.no any noise;
- 3.direct and clear indication;
- 4.RAI-1 and RAI-2

This RAI rudder angle indicator can be equipped with multiple single-face rudder angle indicators.

The signal of rudder angle transmitted by rudder angle is employed in RS-485 digital transmission. It has advantages of long transmitting distance and intensive interference rejection.

The system could transmit output signal of six-way sub-display and two-way RS485 (accord with IEC-61162 connection standard).

The rudder angle range is both $35^{\circ} - 0^{\circ} - 35^{\circ}$ and $45^{\circ} - 0^{\circ} - 45^{\circ}$ which is set arbitrarily.

This RAI rudder angle indicator has two types: RAI-1 and RAI-2

RAI-1(type) three-face rudder angle indicator possesses both analog and digital indication. The former is employed in light-emitting diode and the latter is nixie tube.

RAI-2(type) single-face rudder angle indicator is digital indication in terms of nixie tube and light-emitting diode is used for indicating the rudder of port and starboard.

TECHNICAL DATA:

- a. Rudder angle indicating precision is no more than 1°
- b. Operating voltage: 24V DC2.5A
- c. Mounting mode :

Overhead mounting (for Type RAI-1)

Panel, Bulk head and Desk mounting (for Type RAI-2)

- d. Overall dimensions:

Type RAI-1 (three-face rudder angle indicator): $\varnothing 405\text{mm}$

Type RAI-2 (single-face rudder angle indicator): $144 \times 144\text{mm}$

- e. System includes:

rudder angle transmitter, three-face rudder angle indicator, single-face rudder indicator,



signal distributor and DC-DC electricity converter.



