DEIF’s rudder/azimuth angle transmitters convert the rudder or azimuth thruster’s position angles into either electrical current signals or digital data values with a 16 bit resolution (+/-180° = +/-32767).

Unlike potentiometers, DEIF’s angle transmitters use a “no touch” magnetic angle detection technology. The technology guarantees optimal accuracy and performance and longer life for the transmitters as they have no electromechanical parts.

DEIF’s rudder and azimuth systems are MED-approved for easy use and immediate class approval.

The robust mechanical design and IP67 protection make the transmitters ideal for use aboard any ship.

### General features

- Suitable for rudder, azimuth and pitch angle
- “No touch” magnetic angle detection – no wear & tear
- Accuracy < 0.25 °
- Analogue or CAN bus output for direct connection of one or more indicators
- Angle position range from +/- 20 ° to +/-180 °
- Continuous shaft rotation
- Clockwise/counterclockwise, zero set & max./min. adjustment

### Variants

<table>
<thead>
<tr>
<th>Variant</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTA 602</td>
<td>Analogue. 2 wire 4 to 20 mA DC. Ø19mm stainless steel shaft for direct rudder connection. Available with 90 ° mounting bracket Directly compatible with DEIF’s RT-2 rudder angle transmitter.</td>
</tr>
<tr>
<td>RTC 300</td>
<td>CAN bus. Ø6mm standard axel.</td>
</tr>
<tr>
<td>RTC 600</td>
<td>CAN bus. Ø19mm stainless steel shaft for direct rudder connection. Available with 90 ° mounting bracket Directly compatible with DEIF’s RT-2 rudder angle transmitter.</td>
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</table>