OTT SE200

SDI Interface

Shaft encoder with 4…20mA and SDI-12 interface
SDI-12 interface

1) setup
   - rotation direction
   - 4…20 mA (output settings)
   - Shaft encoder perimeter

2) measurement range
   +/-30m
OTT Shaft encoder SE 200

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SDI Interface

4…20mA Output

Programmable via SDI-12!

- Range: 0 to 30 m
- Output: 4 to 20 mA

Example: 10 m range corresponds to 10 mA output
OTT SE200

Wiring

SDI-12
- yellow SDI-12 Data
- green SDI-12 GND
- white GND
- brown +VCC

4 ... 20 mA
- (yellow not used)
- (green not used)
- white V-
- brown V+
Rotation

Rotational direction definition

Example: The float pulley rotates clockwise
SE 200 with rotational direction to the “left” → decreasing measured values
SE 200 with rotational direction to the “right” → increasing measured values

<table>
<thead>
<tr>
<th>Depth</th>
<th>Water level</th>
<th>Measured value</th>
</tr>
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<tbody>
<tr>
<td>Measurement</td>
<td>rises ↑</td>
<td>decreasing ↓</td>
</tr>
<tr>
<td>Level</td>
<td>falls ↓</td>
<td>increasing ↑</td>
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