

## Technical Information

### Mounting instructions TR-Encoder $\varnothing 58 / \varnothing 65$ Draw-Wire-Box (Rope length transmitter)

For mounting, on the side of the encoder the following conditions must be fulfilled:

**CE-58**

**CE-65**

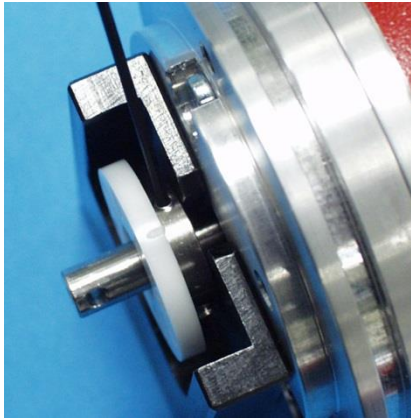
Pos.	Parts List	Pos.	Parts List
<b>A</b>	Cable traction box	<b>C</b>	Encoder which can be mounted
<b>B</b>	Accessories, Scope of delivery	<b>D</b>	Auxiliary material: Mounting gage, no scope of delivery

Pos. B, Accessories	Pos. D, Auxiliary material (no scope of delivery)
<ul style="list-style-type: none"> <li>• O-ring</li> <li>• 3 x Cheese-head screws M4x8</li> <li>• Clutch disc</li> <li>• Clutch disc for shaft flange connection</li> <li>• Hex key, wrench size = 1.3 mm</li> </ul>	<ul style="list-style-type: none"> <li>• Mounting gage for rope length transmitter TR designation: ZN 00-000-1857</li> <li>• Hex key, wrench size = 3 mm</li> </ul>

Mounting step 1	Mounting step 2
<p>Remove the four counter-sunk screws M4x8 of the mounting brackets at the housing of the cable traction box. For this purpose the hex key with wrench size = 3 mm is to be used.</p>	<p>Insert attached O-ring carefully into the mounting flange.</p>

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### Mounting step 3



Attach mounting gage to the encoder:

→ With the mounting gage the clutch disc will be positioned onto the measure  $2.8^{+0.1}$  (see figure).

With the hex key and the aid of the two setscrews M2.5x5 the clutch disc is mounted onto the encoder shaft.

Remove mounting gage.

### Mounting step 4

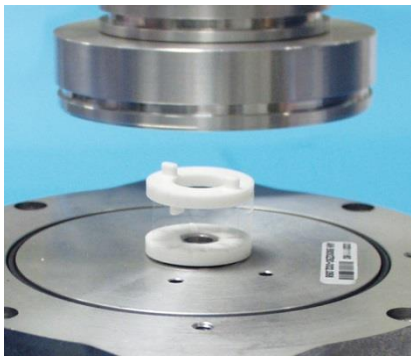


Fasten mounting flange, on the side of the O-ring, with the encoder. For this purpose the three cheese-head screws M4x8 should be used.

**CAUTION!**

The screws must be secured with Loctite 241 Cat.No 24112.

### Mounting step 5



Insert clutch disc onto the housing of the cable traction box. Place encoder with flange ring and clutch disc onto the O-ring of the cable traction box housing.

**CAUTION!**

Pull easily on the cable traction, until the clutch disc engages. Only in this way the encoder / mounting flange lies flatly onto the housing of the cable traction box.

Rotate encoder connection into the desired direction.

### Mounting step 6



Fasten mounting brackets at the housing of the cable traction box. For this purpose the four counter-sunk screws M4x8 should be used.

**CAUTION!**

The screws must be secured with Loctite 241 Cat.No 24112.