

# GEMÜ

Electrical position indicator

EN

## Assembly instructions

Quarter turn actuator



 IO-Link



further information  
webcode: GW-



## 1 General information

### 1.1 Description

The mounting kit is used for the mounting of electrical position indicators and combi switchboxes of series 1235, 1236, 1242, 4241 and 4242. The position of the actuator is reliably electronically detected and evaluated through play-free and non-positive mounting. The mounting kit is suitable for the following borehole pattern in accordance with VDI/VDE 3845.

### 1.2 PTAZ NAMUR sizes

The following borehole patterns are available:

80 x 30 x 20
80 x 30 x 30
130 x 30 x 30
130 x 30 x 50

### 1.3 Contents of PTAZ mounting kit

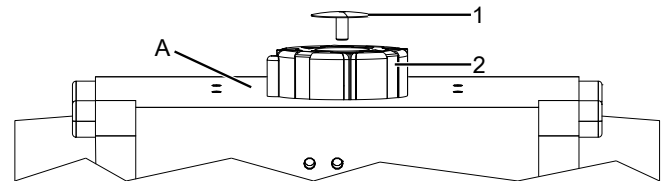
The PTAZ mounting kit contains the following items:

Item
PTAZ adapter
PTAZ mounting kit
Flange plate
O-ring
Screws (4x)
Adapter (M16x1)
Operating bush
Compression spring

## 2 Assembly and installation

### 2.1 Preparations for assembly to the valve (quarter turn actuator)

1. Move the actuator **A** into zero position (actuator vented).



2. Remove the screw **1** from the trigger cam **2**.

## 2.2 Mounting kit assembly on electrical position indicator

### ⚠ CAUTION

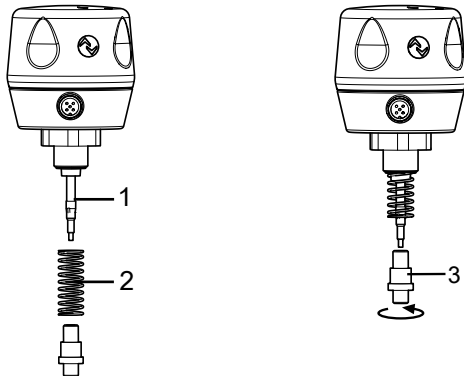
#### Do not scratch the spindle!

- ▶ A damaged spindle surface may cause failure of the travel sensor.

### ⚠ CAUTION

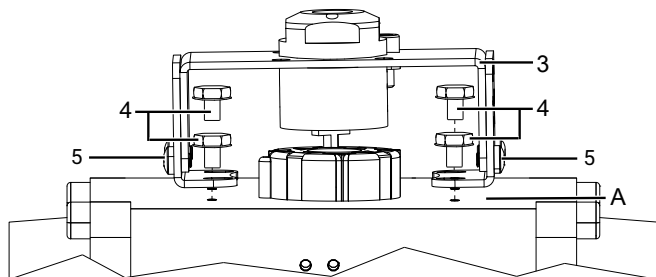
#### Pretensioned spring!

- ▶ Damage to the device.
- Slowly release the tension in the spring.



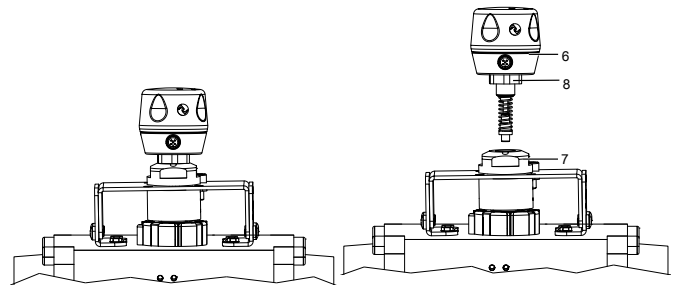
1. Pull out spindle 1 as far as it will go.
2. Push spring 2 over spindle 1.
3. Mount operating spindle 3.
4. Push in spindle 1 until it pushes against spring 2.

## 2.3 Mounting kit assembly (quarter turn actuator)



1. Adjust the mounting bracket to the required borehole pattern.
  - ⇒ To do this, loosen the side screws 5 and set the retaining feet onto the thread of the actuator, and install it using screws 4.
2. Secure the bracket 3 to the retaining feet as shown. In doing so, the tap shaft must sit free of play in the shaft of the actuator.

## 2.4 Installing the electrical position indicator (quarter turn actuator)



1. Screw the electrical position indicator 6 onto the adapter 7.
2. Use the spanner flat 8 (WAF 27) of the travel sensor to tighten the electrical position indicator.
3. Turn the housing clockwise to align the pneumatic or electrical connections.
4. Initialize the product.



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Subject to alteration

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