

## Adjustment of position transmitter (Part no 3448.004 and 3145.032)

### Normal adjustment of the transmitter

#### Capacity slide in minimum position:

- Adjust zero position by turning the **zero** adjustment screw **clockwise** on position transmitters to batch No. 93-21 incl. and **anticlockwise** on position transmitter from batch No. 99-22 incl. (The batch No. is the last two digits in the serial No.).  
Keep an eye on the slide position indication at the same time.  
*Always adjust from a higher value towards 0%.*

- The 0% position can be checked by means of a voltmeter (DC) between the following terminals:

#### **PROBAS II:**

Terminal block 3.13

#### **Capacity slide:**

Terminals 10 (+) - 23 = 0.4 VDC

#### **UNISAB S-Control:**

#### **Capacity slide:**

Terminals 41 (+) - 42 = 0.4 VDC

#### Capacity slide in maximum position:

- Adjust - max. position by turning the **spin** adjustment screw **clockwise**, while you keep an eye on the slide position indication.

*Always adjust from a lower value towards 100%.*

- The 100% position can be checked by means of a voltmeter (DC) between the following terminals:

#### **PROSAB II:**

Terminal block 3.13

#### **Capacity slide:**

Terminals 10 (+) - 23 = 2.0 VDC

#### **Volume slide:**

Terminals 11 (+) - 24 = 2.0 VDC

#### **UNISAB S-Control:**

#### **Capacity slide:**

Terminals 41 (+) - 42 = 7.0 VDC

#### **Important!**

*Return the capacity slide to minimum position and check if the zero adjustment is still satisfactory.*

*If not, adjust again on **zero** and **span** as described and continue until the adjustment is satisfactory. See following drawings.*

#### **Pointer loose on the shaft**

Rotate the shaft towards 0% position starting from 100%. Keep an eye on the capacity indication. Stop rotating when the capacity indication jumps from a negative value to a value higher than 100%. Rotate the shaft back approximately 30 degrees towards 0%. Fix the pointer to the shaft at the **minimum** position on the dial.

### Transmitter totally out of range

#### Position transmitters to batch No. 93-21 incl.

(The batch No. is the last two digits in the serial No.).

- Dismount the cover.
- Turn the zero adjustment screw min. 35 turns clockwise (very important).
- Turn the zero adjustment screw back 12 turns anticlockwise.
- Turn the span adjustment screw min. 35 turns clockwise (very important).
- Turn the span adjustment screw back 15 turns anticlockwise.

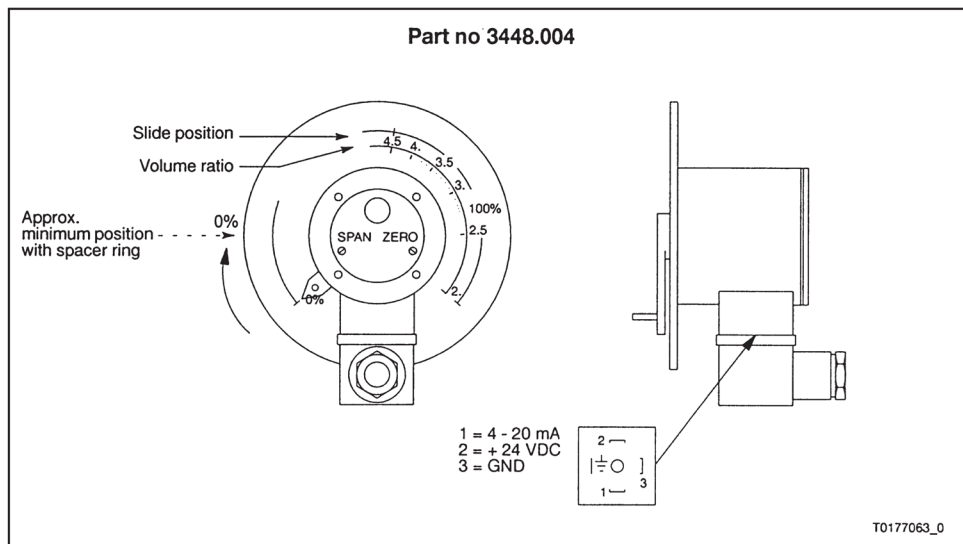
### Position transmitters from batch

#### No. 93-22 incl.

(The batch No. is the last two digits in the serial No.).

- Dismount the cover.
- "Burn the **zero** adjustment screw min. 35 turns **anticlockwise** (very important).
- Turn the **zero** adjustment screw back 12 turns **clockwise**.
- Turn the **span** adjustment screw min. 35 turns **clockwise** (very important).
- Turn the **span** adjustment screw back 15 turns **anticlockwise**.

### SAB compressors



### VMY Mk 2.5 compressors

