



**Warning**

Please read the operating instructions carefully before commissioning the indicator. The guarantee is invalid in respect of damage resulting from a failure to follow the instructions, incorrect handling or inappropriate use. We accept no responsibility for consequential damages resulting from any of the above. The device must be installed and dismantled only by qualified personnel. The relevant country-specific harmonised safety regulations must be observed. The customer must ensure compliance with device-specific requirements relating to the protection standard.

**Adjustments**

LCD indicators with a 0 as the third digit of the product code (801.XX0 ) are not factory-set.

**Display options**

- 1) -1.00 to 9.00
- 2) .000 to .900
- 3) 0.00 to 9.00
- 4) 00.0 to 90.0
- 5) 000 to 900

Stepless adjustment of all intermediate values.

Fig. 1

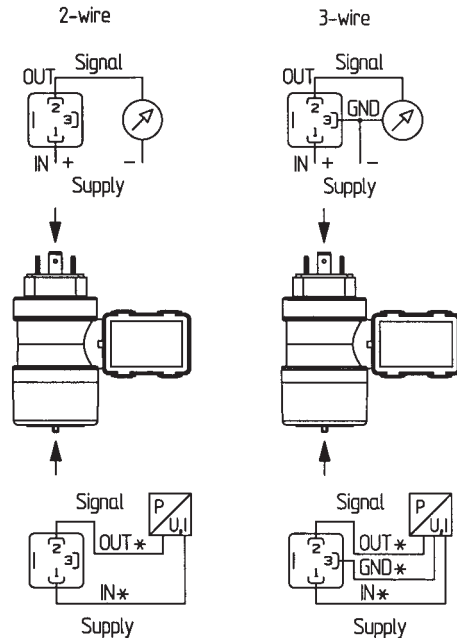
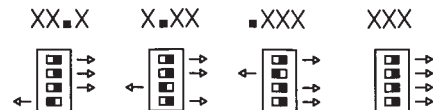


Fig. 2



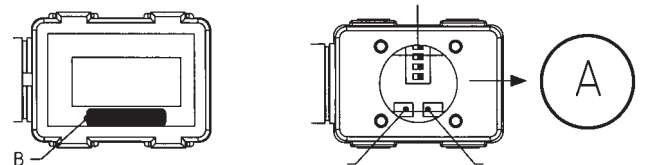
1. Wire the signal and supply voltage as shown in Fig. 1.
2. Use a screwdriver to lift and remove the cover on the back of the indicator.
3. Set the decimal point as required with the DIP switches as shown in Fig. 2.
4. Apply the lower signal value (e.g. 0 V / 0 mA / 4 mA).
5. Use the 10-position «zero point» potentiometer (Fig. 2) to adjust the desired lower display value. Use only a trim-tool or miniature screwdriver with a maximum blade-width of 1.2 mm.
6. Apply the upper signal value (e.g. 5 V / 10 V / 20 mA).
7. Use the 10-position «scale-end» potentiometer (Fig. 2) to adjust the desired upper display value.
8. Repeat steps 4 to 7 as required to stabilize the upper and lower display values.
9. Paint-seal the potentiometers.
10. Replace cover A (Fig. 2) on the back of the indicator module.
11. Select the required adhesive label for the engineering units and fit into place (Fig. 3, B).

⚠ (Do NOT adjust any of the paint-sealed DIP switches!)

⚠ The IP 65 rating applies only with two seals, connector socket and indicator screw-fitting.

⚠ When removing the indicator from the transducer, loosen the fixing screw only – do NOT remove it.

Fig. 3



Zero point adjustment      Scale-end adjustment

**Electromagnetic compatibility**

Interference stability	Test standard	Effects
Electrostatic discharge	EN 61000-4-2 8 kV air, 6 kV contact	no failure
High-frequency electromagnetic radiation (HF)	EN 61000-4-3 10 V/m, 80 ... 1 000 MHz	no effect
Conducted HF interference	EN 61000-4-6 10 V, 0.15 – 80 MHz	no effect
Fast transients (burst)	EN 61000-4-4 2 kV	no failure
Surge	EN 61000-4-5 Protection in combination with transmitter, max. tolerable cable length 10 m	no test
Magnetic fields	EN 61000-4-8 30 A/m, 50 Hz	no effect
Conducted interference	EN 55022 (CISPR 22) 0.15 ... 30 MHz	no effect