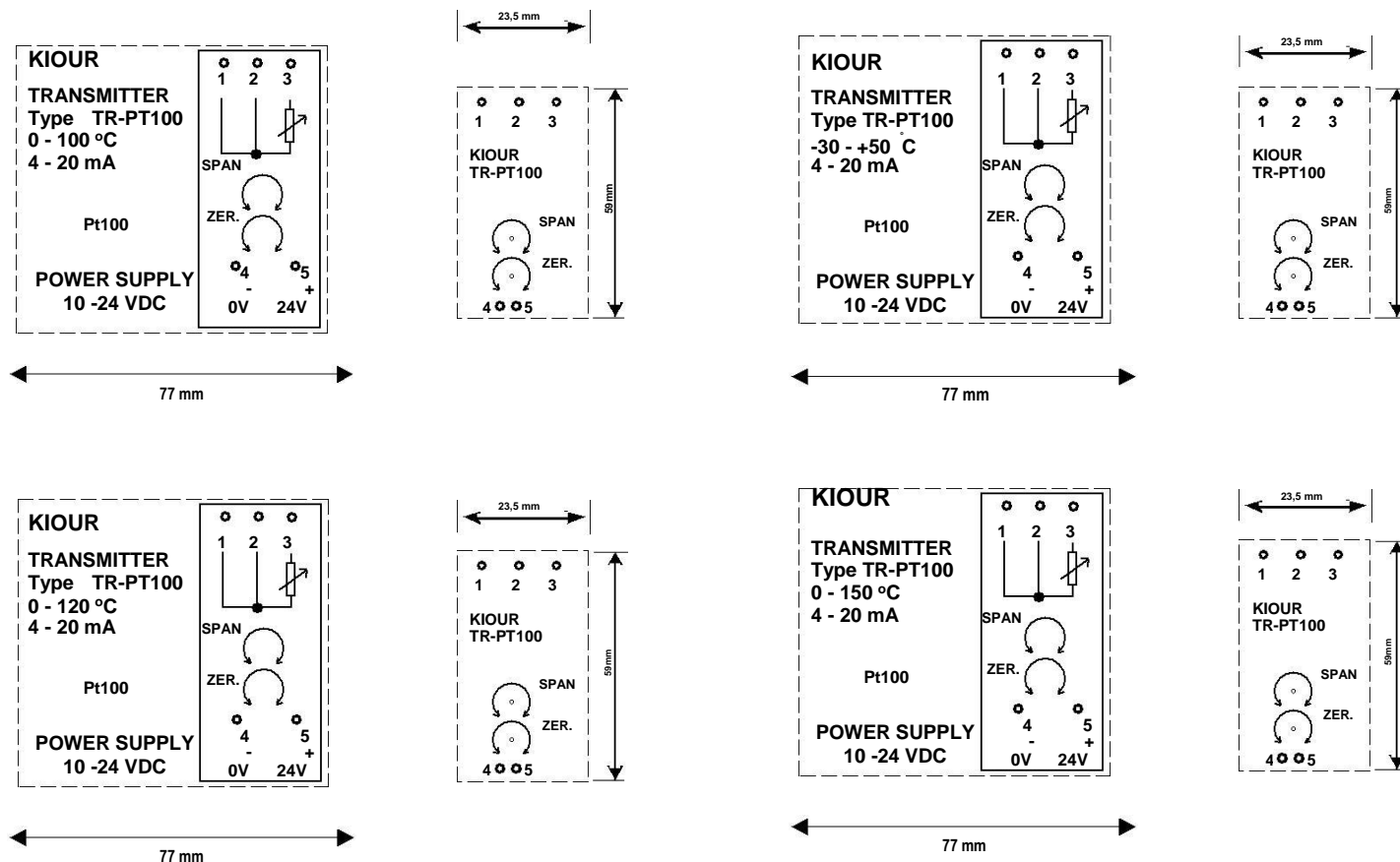


Description



The Transmitter TR-PT100 is available in four different types depending on the scale of the PT100 temperature sensor (3 cables), $-30\pm+50\text{ }^{\circ}\text{C}$ or $0\pm100\text{ }^{\circ}\text{C}$ or $0\pm120\text{ }^{\circ}\text{C}$ or $0\pm150\text{ }^{\circ}\text{C}$. The output signal is $4\pm20\text{ mA}$ and its limits can be adjusted by the trimmers ZERO and SPAN. The ZERO trimmer adjusts the 20 mA and the SPAN trimmer adjusts the 4 mA. The input signal is galvanically isolated from the output signal.

Connections - Dimensions



Technical characteristics

- Power supply: $+10\pm24\text{ Vdc}$
- Operation temperature: $-10\pm+60\text{ }^{\circ}\text{C}$
- Storage temperature: $-20\pm+70\text{ }^{\circ}\text{C}$
- Environmental pollution: II
- The device can be mounted on a Ω type rail
- Connection with terminal blocks

ATTENTION to prevent electrostatic discharges at the side slots of the device and sharp objects from been inserted

ATTENTION: separate the signal's cables from the power supply's cables to prevent electromagnetic disorders Signal cables must never be in the same pipe with the power supply cables.

Read and keep these instructions. The device is under two year's guarantee of good operation. The guarantee is valid only if the manual instructions have been applied. The control and service of the device must be done by an authorized technician. The guarantee covers only the replacement or the service of the device.



