

## Type SMU-XX



### Advanced features:

- ▶ Universal power supply 24 VAC/DC - 230 VAC/ 250 VDC
- ▶ Universal Input
- ▶ Power Output
- ▶ Galvanic separation of all In-/Outputs/auxiliary power
- ▶ Universal Input for RTD (Pt100 etc), TC Potentiometer, Lin. R, mA und V
- ▶ 2-wire sensor supply
- ▶ 2 relay-output and analogue-output (mA, V)
- ▶ Programmable per optionally frontdisplay
- ▶ 5 years guarantee



### Application

- ▶ Conversion of linear resistance variation to a Standard analogue current / voltage signal
- ▶ Electronic linear measuring of temperature with RTD or TC
- ▶ Power supply and signal isolator for 2-wire transmitters
- ▶ Process control with 2 potential-free Relay-contacts can be modified to suit any application
- ▶ Galvanic separation and amplification of analogue signals
- ▶ The SMU-XX is designed according to strict safety Requirements and is thus suitable for application in SIL 2 installations.

### Technical characteristics

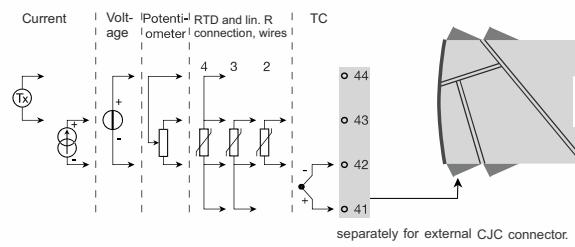
- ▶ When the SMU-XX is used with the SMU-PM, all operational parameters can be modified to suit any application.
- ▶ A green / red front LED indicates normal operation and malfunction. The yellow LED indicates activated Output-relays.
- ▶ Continuous check of vital stored data for safety reasons.
- ▶ 2,3 kVAC galvanic separation of all in- /outputs/ auxiliary power
- ▶ All operational parameters can be moved with the optional frontdisplay SMU-PM from one SMU-XX to another.

### Mounting / Installation

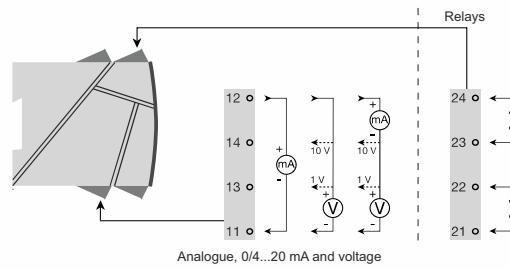
- ▶ Vertical or horizontal mounting on a terminal bus. Because the assemblies can be placed side by side, it is possible to mount 42 devices per metre.

### Applications

#### Input signals:



#### Output signals:



#### Supply:

