

measuring transducer

measuring transducer in field housing KMUFG 100

features

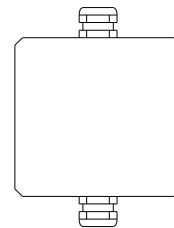
- measuring transducer for PT100 resistance thermometer
- mounted in plastics field housing
- input for 2-, 3- and 4-wire connection
- supply by 4-20mA slotted link
- configuration by 4-20mA slotted link
- considerably possibilities for setting-up with PC-software
- on request presetted
- data logging with PC
- monitoring of sensor break

overview technical specifications

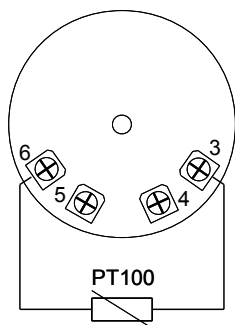
- housing plastics polyamide PA6
dimensions 58 x 64 x 35mm
protection class IP65
- environmental temperature operating temperature -40°C...85°C
- electrical connection 6 screw clamp 1,5mm²
- voltage supply 10...35VDC, rest corrugation +5%
- input PT100 2-, 3-, 4- wire
- output 4-20mA, overflow 21mA, underflow 3,5mA
- measuring area max. -200°C...+650°C
- measuring span min. 10 K
- accuracy <+-0,1% from end value



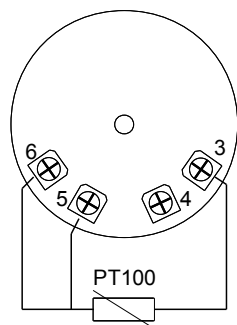
KMUFG 100



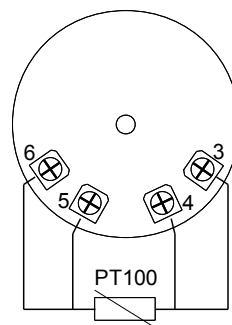
connection charts



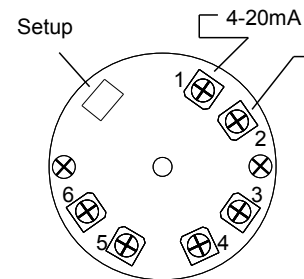
2-wire sensor



3-wire sensor



4-wire sensor



order-code KMUFG 100...

order example: KMUFG100-A1

adjustment screwing

- A1 screwing above
- B1 screwing on the side

order-code parametrization software kit PXU01

order example: PXU01

parametrization software kit PXU01, consisting of:

- software on CD
- interface adapter at USB-Port
- plug adapter for KMU and temperature sensor WTR 4XX-series