![promesstec GmbH logo]

measuring transducer KMU 100

features

- measuring transducer for PT100 resistance thermometer
- mounting in alu- and stainless steel connection heads possible
- input for 2-,3- and 4-wire connection
- cable compensation at 2-wire switching
- supply by 4-20mA slotted link
- configuration by interface plus online on site
- considerably possibilities for setting-up with PC-software
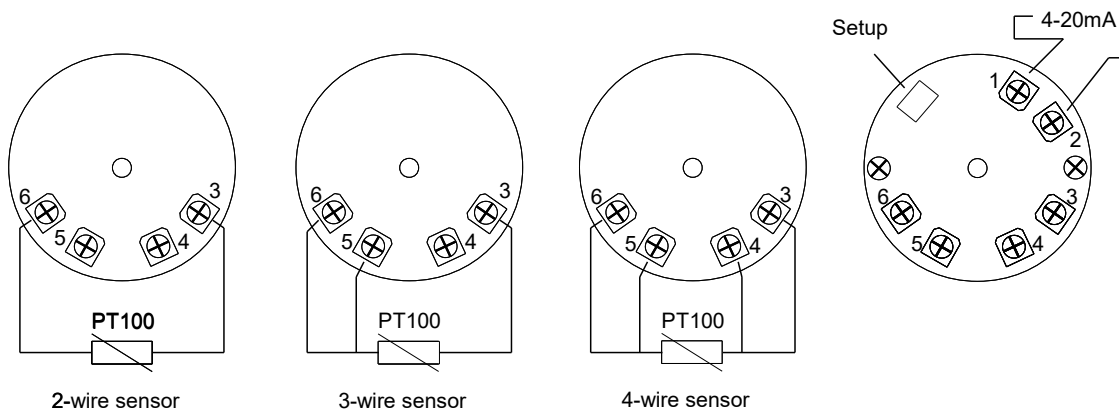- on request pre-adjusted
- monitoring of sensor break

KMU 100

overview technical specifications

- housing	plastics PC, D:44mm x H:22,5mm, 7mm central bore, attachment 2 screws M4 for Din B- housing
- temperature of environment	operating temperature -40°C...85°C
- electrical connection	6 screwing clamp 1,5mm^2
- 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

connection charts

2-wire sensor   3-wire sensor   4-wire sensor

order-code KMU 100

order example: KMU100 (0...150°C)

order-code parametrization software kit PXU01

order erxample: 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

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