

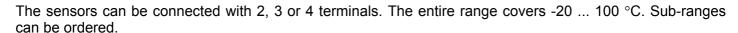
Transmitter for Copper Thermometers OC35-Cu

- √ Cu Sensor 0.2Ω/°C
- √ Range -20 ... +100°C
- √ Linear Analogue Output 4-20mA or 0-10V
- √ For 35 mm DIN Rail
- $\sqrt{}$ Supply 230V AC or 24V DC

OC35-Cu is a transmitter for connection to copper temperature sensors. It converts the temperature depending sensor resistance into a linearized analogue output 4-20mA or 0-10V.

The output signal is optically isolated from the input and the supply.

The linearizing method utilises an analogue Linearizer with accuracy of 0.1% of the full range.



The Transmitter is supplied from 230V AC or 24V DC.

SPECIFICATIONS

Input: Cu Sensor with $46.33 \Omega @ 0 ^{\circ}C$

Measuring Range: - 20 ... + 100 °C.

Customized ranges are available upon demand.

Connections: 2, 3 or 4 terminals

Accuracy: \pm 0.1% from Range

Output: Voltage Output: 0 ... 10V isolated by 250V r.m.s. or

Current Output: 4 - 20mA isolated by 250V r.m.s.

Supply: Standard: $230V \pm 10\%$, 48 - 60Hz, 2VA.

Option DC: 24V DC \pm 10%, 18-36VDC or 9-36VDC

Cabinet: For 35mm DIN rails. Dimensions: 75 x 79 x 40 mm. Weight 200 g.

Terminals: Pluggable Screw Terminals

