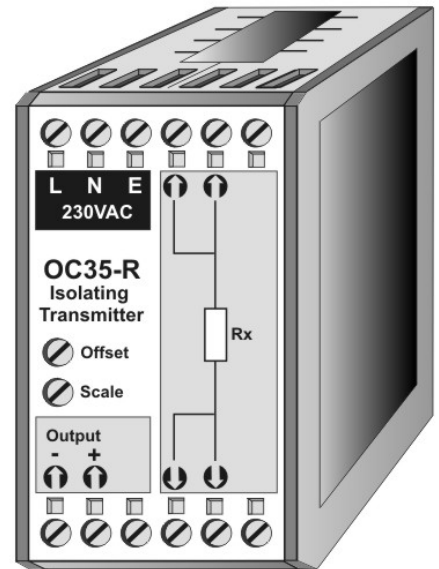


- ✓ 0-100 Ohm to 100kOhm
- ✓ Two or Four Terminal Connection
- ✓ 0 - 10V Analogue Output
- ✓ 0 - 20 mA Analogue Output
- ✓ 4 - 20 mA Analogue Output
- ✓ 0.1% Accuracy
- ✓ 230V AC, 24VDC Supply
- ✓ For 35mm DIN Rails



OC35-R is a Transmitter for connection of unknown resistors in two or four terminal connection. The measured resistance is transformed into an analogue output signal 0/4-20mA or 0-10V.

Varieties of measuring ranges are available. They have to be defined with the order, such as 0-10k Ω corresponds to 0-10V or 4-20mA.

The generated analogue output signal is isolated from the supply and from the input measured resistor. Two potentiometers at the front permit the calibration of the output signal. The potentiometer Offset is for setting of 0V and 0/4mA. The potentiometer Scale is for setting of 10V or 20mA.

The transmitter is enclosed in a cabinet suitable for DIN 35mm Rails. It is supplied by 230V AC or optionally by 24VDC.

SPECIFICATIONS OC35-R

Input:	Real resistors
Ranges:	100 Ω , measuring current 1mA. 1 k Ω , measuring current 1mA. 10 k Ω , measuring current 0.1mA. 100 k Ω , measuring current 0.05mA. Customized Ranges are available.
Connection:	Two or four terminals.
Outputs:	0 - 10V, max. Load >10 k Ω . Isolation 250V RMS. 0/4 - 20mA, Load <270 Ω . Isolation 250V RMS.
Tempco:	50ppm/ $^{\circ}$ C.
Accuracy:	\pm 0.1% from range.
Supply:	230V AC, 3VA. Option: 24V DC, 3W.
Cabinet:	For 35mm DIN rails. Dimensions: 75 x 79 x 40 mm; 200 g .
Terminals:	Pluggable screw terminals