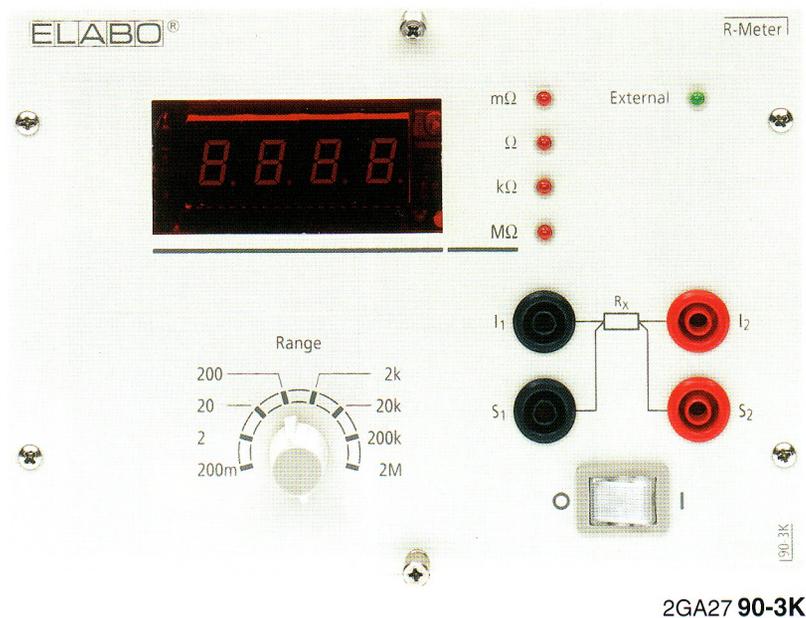


# Ohmmeter

Product Group

**F**



The ohmmeter is suitable both for stand-alone use for production, on-receipt inspection and laboratory work and for automatic test systems.

The measuring ranges are split into 8 decades and can be changed between 2 Ohm and 2 M Ohm. The four-wire measuring system largely eliminates line resistance from the readings.

The actual reading is shown on a 3 ½ digit display. The selected range is indicated by LEDs. For external control via the interface the range selector switch on the front panel is not active. This mode is indicated by an LED "Extern". For use in automatic test systems the current and voltage leads are brought to a multiple plug at the rear.

The measuring ranges are selectable via digital 24 V DC-signals. The measured value is additionally available at the interface as an analog DC-signal 0 to 10 V.

The ohmmeter is in Eurocassette format to DIN 41494 and can be installed either in a separate housing or in a 19" / 3 HE subrack.  
Dimensions: H = 3 HU = 128.5 mm, W = 36 pitches = 182.9 mm, D = 196 mm.

## ORDERING DATA

Ohmmeter 36 pitches 2GA27 **90-3K**

## ACCESSORIES

Module housing 3 HU / 36 pitches for the ohmmeter 2GA27 **30-6M**

Measuring leads with Kelvin terminals for measuring resistance by the four-wire method. Connection to the unit by laboratory-type plug.  
Lead length approx. 2.5 m. 2GA27 **94-5A**

- 8 measuring ranges 0.2 Ω - 2 MΩ
- Four-wire method
- Suitable for manual and automatic operation
- Analog output
- Eurocassette 36 pitches

## TECHNICAL DATA:

Measuring ranges:	200	mΩ
	2	Ω
	20	Ω
	200	Ω
	2	kΩ
	20	kΩ
	200	kΩ
	2	MΩ

Measuring currents: 100 mA - 1 μA  
Error: ± 0.2 % ± 1 Digit  
Temperature coefficient: < ± 0.03 % / °C  
Ambient temperature range: - 10 to + 50 °C  
Measuring time: ca. 35 - 300 ms  
ca. 2.5 s at 2 MΩ range

Display: 3 ½ digits  
Power supply: 230 V ± 10 %  
49 - 61 Hz

Dimensions: Eurocassette  
3 HU / 36 pitches  
196 mm deep