

Metrology and Sensors

Prof. Dr.-Ing. G. Matz

Knowledge Test - Answers

Answer 1: Diodes are used for example to rectify signals and protect instruments.

Answer 2: $C = 16 \text{ nF}$

Answer 3: The input resistance of a voltmeter is high, approximately $R = 10 \text{ MOhm}$.

Answer 4: 1024

Answer 5: The selected range should be 5 V. To obtain the smallest relative error the measured value should be at the end of the selected range.