

Characteristic Values

Measuring sensor Hall effect

Measuring Ranges

Meas. Range	Input	Resolution	Accuracy at 18 ... 28 °C, max. 80% relative humidity
A AC TRMS with automatic zero balancing			
200 mA	0 ... 199.9 mA	100 µA	±1.0% rdg. ±5 digits ¹⁾
2000 mA	0 ... 1999 mA	1 mA	±1.0% rdg. ±5 digits ¹⁾
10 A	0 ... 9.99 A	0.01 A	±1.0% rdg. ±10 digits ¹⁾
A DC with automatic zero balancing			
200 mA	0 ... 199.9 mA	100 µA	±1.0% rdg. ±3 digits ²⁾
2000 mA	0 ... 1999 mA	1 mA	±1.0% rdg. ±3 digits ²⁾
10 A	0 ... 9.99 A	0.01 A	±1.0% rdg. ±10 digits ²⁾

¹⁾ Frequency range: 50 ... 60 Hz, corner frequency 2 kHz

²⁾ additional error for hall effect due to hysteresis: 3% rdg.

Key: rdg. = measured value (reading)

Reference Conditions

Ambient temperature +23 °C ±5 °C

relative humidity max. 80%