

Meas. Qty.	Scale / Standard	Measuring Range	Nominal range of use	Nominal / Open-Circuit Voltage	Nominal Current I_N	Short-Circuit Current I_K	Intrinsic Uncertainty under Reference Conditions ²	Measuring Uncertainty ³	Overload Capacity
R_{INS}	② VDE 0413	100 k Ω ... 100 M Ω	100 k Ω ... 10 M Ω	50 V / 100 V: 1.25 U_{ISO} 250 V / 500 V / 1000 V: 1.1 U_{ISO}	1 mA	≤ 5 mA	$\pm 2.5\%$	$\pm 30\%$ of the measured value	1000 V AC/DC TRMS
	①	10 k Ω ... 1 T Ω	100 k Ω ... 100 G Ω				$\pm 2.5\%$ ¹		
R_{LO}	③	0 to 5 Ω	0.17 to 4 Ω ⁴	$4\text{ V} < U_0 < 6\text{ V}$	Test current $I_N \geq 200\text{ mA}$		$\pm 2.5\%$	$\pm 10\%$ ⁵ of the measured value	1000 V AC/DC TRMS
$U_{AC/DC}$	④	0 ... 1000 V	10 ... 1000 V	—	—	—	$\pm 2.5\%$	—	1000 V AC/DC TRMS
U_{BAT}	⑤	8 ... 12 V	8.5 ... 12 V	—	—	—		—	