



Equipotential bonding check@ 1A Measurement with four-wire technique

Range	Resolution	Tolerance
0–10 Ω	1m Ω	\pm 3,5%

HV insulation measurement SAE – The SAE resistance can be adjusted in increments of 100k Ω to 500k Ω

Range	Resolution	Tolerance
<10 V	25k Ω	\pm 5%

Voltage measurement DC only

Range	Resolution	Tolerance
-20 V bis + 20 V	0,01 V	\pm 0,5% v.M. \pm 5 digits
-100 V bis + 100 V	0,1 V	\pm 1% v.M. \pm 5 digits
-1000 V bis + 1000 V	0,5 V	\pm 1,5% v.M. \pm 5 digits
Input resistance	15 M Ω	

HV insulation measurement Measurement current 1mA, with overcurrent protection; max. 5G Ω

Range	Tolerance
250-1000V DC (in 50V increments)	5%

Resistance measurement

Range	Resolution	Tolerance
0 Ω bis 10 Ω	10 m Ω	\pm 1 % v.M. \pm 5 m Ω
0 Ω bis 100 Ω	0,1 Ω	\pm 1 % v.M. \pm 50 m Ω
0 Ω bis 1 k Ω	1 Ω	\pm 1 % v.M. \pm 1 Ω
0 Ω bis 10 k Ω	10 Ω	\pm 1 % v.M. \pm 10 Ω
0 Ω bis 100 k Ω	100 Ω	\pm 1,5 % v.M. \pm 100 Ω
0 Ω bis 1 M Ω	1 k Ω	\pm 2 % v.M. \pm 1 k Ω
0 Ω bis 10 M Ω	10 k Ω	\pm 5 % v.M. \pm 10 k Ω

Admissions & certificates

Protection classes	Certificates
CAT I 1.000V, CAT II 600V, CAT III 300V	CE, UL 201, UL 61010-1, FCC 47