PROMET SE+
SPECIFICATIONS

General description	High-precision ohm meter with an adjustable test current of up to 200 A. The measuring device is equipped with a rechargeable battery for portable use in switching stations and industrial environments. Two current outputs and two voltage measurement inputs allow the resistance to be measured at two measurement points simultaneously. Used in combination with an ACTAS test system, static and dynamic determination of the main contact resistances is possible on 2 main contact chambers per pole.		
Current source	Outputs, number	2	
	Test current	5...200 ADC	
	Output voltage	2.5 VDC	
	Adjustable step value	1 A	
Voltage measurement	Inputs	2	
Resistance	Range	0 up to 250 mΩ	
Current / Resistance [1]	max.	Test current	Resistance
		10 A	200 mΩ
		100 A	15 mΩ
		200 A	2 mΩ
Accuracy		0.2% of range	
Power supply	Supply voltage	Battery operation independent of the power supply	
		Input: 12 VDC; 2 A max.; 24 W	
	AC adapter	Input: 100…240 VAC; 50/60 Hz; 1.4 A	
		Output: 12 VDC; 5.0 A; 60 W max.	
Battery operation	Charging time	ca. 2 h	
	Number of measurements	ca. 400 measurements at 200 A of 100 µΩ [3]	
High-current connections	High-current sockets	9 mm	
Measurement connections	Safety sockets	4 mm	
Housing	Hand-held housing	Plastic	
Dimensions	(W x H x D)	200 x 178 x 100 mm	
Weight		< 1.5 kg	
Screen		High-resolution, resistive 5" touch screen	
Operation		Touch screen	
		2 enable keys (R1, R2)	

[1] Using the standard cable set
[2] Of range
[3] Autoranging mode

Internal data memory	Capacity	250 tests
Interfaces	PC interfaces	RJ 45 (Ethernet), USB-B
Environment	Operating temperature	-10°C…50°C
	Storage temperature	-20…60°C
	Relative humidity	5…95%, non-condensing
	Degree of protection	IP 54
	Safety	DIN EN 61010-1 300 V~CAT II
	Product standard	DIN EN 61326-1
Measurement functions		2 x resistance measurement Determination of the quality factor Dynamic resistance measurement with ACTAS systems 2 main contacts per pole)