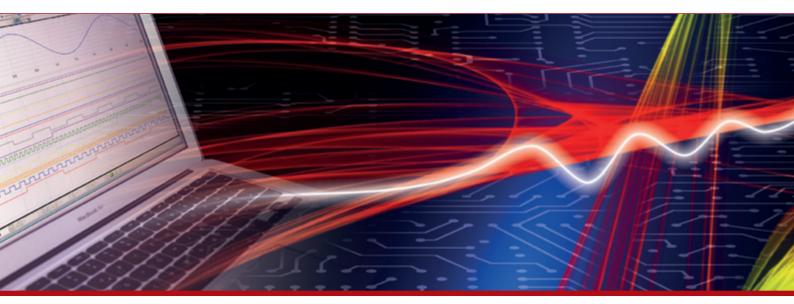


Product Datasheet - Technical Specifications



More information in our Web-Shop at ▶ www.meilhaus.com

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NEW

SP297B - SP298B

All in One Flexible AC Current Probe Meter with Bluetooth® interface

Specifications :

 2 available dimensions : SP297B : flex de 254mm

loop of approximately 100mm diameter

SP298B: 458mm flex

160mm diameter loop approx

- 10 000 count LCD dual digital backlight display
- Fully automatic measuring
- Current measurement up to 3000 A AC
- Voltage measurement up to 1000 V AC/DC
- Frequency measurement up to 10 kHz
- Resistance measurement up to 10 k Ω
- Continuity with buzzer
- Simultaneous Voltage and Hz display
- Simultaneous Current and Hz display
- True RMS reading on ACA and ACV
- Blutooth® interface
- Torch light
- Data Hold

An ergonomic device

Perform current measurements on electrical busbars using the flexible probe. 2 sizes are available: 100mm buckle with the SP297B and 160mm buckle with the SP298B.

All in One device

Benefit from all the useful functions: current measurement up to 3000A AC, voltage measurement up to 1000V AC / DC, frequency measurement, resistance and continuity measurement with buzzer.

Security in measurements

Stop looking for which measurement mode to position the device. It has a mode change as well as an automatic range change.

A connected device

With its Bluetooth® interface and its application dedicated to tablets or smartphones (Android or los), you can monitor your measurements and record them in real time. Then export the data via the tablet or the smartphone in .csv file in order to be able to process them in a spreadsheet software.















SP297B - SP298B



All in One Flexible AC Current Probe Meter with Bluetooth[©] interface

Specifications	SP297B		SP298B
Electrical Specifications			
AC Current			
Range		30 A / 300 A / 3000 A	
Accuracy	±(3% + 5dqt)		
Resolution	0,01 A to 1 A		
Minimal reading current	1 A		
Crest factor	Up to 3		
Position error of clamp	from ±1% to ±3% (check in the manual)		
C Voltage (TRMS AC)	'	TOTT E 170 to E570 (check in the manda)	
Range		1000V	
Resolution	0.1 V		
ACCURACY	±(1,5% + 5dgt)		
Bandwith	45 Hz to 500 Hz		
Minimal reading voltage	3 V		
OC Voltage			
range		1000V	
ccuracy		0.1 V	
esolution	±(0,7% + 5dgt)		
linimal reading voltage	+ 2,4 V / - 0,7 V		
requency		+ 2,4 V / O,7 V	
ange		100 Hz to 10 kHz	
esolution	0,01 Hzto 1Hz		
CCUracy			
ensibility	±(0,3% + 3dgt)		
linimal reading frequency	depending of range: from 3 A and from 10 V 10 Hz		
esistance		10 HZ	
ange		4000 O and 40 kO	
	1000 Ω and 10 kΩ		
esolution	1Ω .(0.00/, .2dat)		
ccuracy	±(0,9% + 2dgt)		
continuity	yes with buzzer (less than 20 ohm)		
onction		HOLD	
eneral Specifications			
isplay	LCD display with backlight		
ounts	10 000 counts		
verload display	OL or OL-		
robe diameter		11 mm	
laximum conducteur size	254 mm		458 mm
leasuring rate		up to 2 sample per sec.	
esponse time	2 S		
nterface	Bluetooth® (Bluetooth® Low Energy 4.0, Effective range: Open air 10m)		
emperature of use	-10°C to 50°C		
umidity	between 45% and 80% (check in manual)		
tockage temperature	-20°C to 60°C (without batteries), HR < 80%		
ecurity	600V - CAT IV and 1000V - CAT III		
tandards	IEC/EN 61010-1, EN 61010-2-032, EN 61010-2-033		
attery type	2 Batteries, IEC LR6, Alkaline (AA)		
outcoily type	Battery life: Alkaline 60 hours		
uto Power Off		after 20 minutes	
Dimensions	120 x 288 x 35 mm		130 x 358 x 55 mm
Weight (without batteries)	230 q		230 g

Supplied with: safety measurement cables (SA101), manual, batteries.



