List-Magnetik
A COMPANY OF PCE INSTRUMENTS

MAGNETIC FIELD METER

LM-MP80



Specification

DC magnetic field	
Measuring range up to	0 ... 100 A/cm
Resolution	0,1 A/cm
Accuracy	in a homogeneous field: ± 0.3 A/cm up to 10 A/cm, ± 3% of the measured value from 10 A/cm

General technical data	
Measuring functions	Quantity, MAX, MIN, Average value, Standard deviation
Units	A/cm, kA/m, g, Oersted, T
Units additional information	1 A/cm = 0.1 kA/m = 1.256 Gauss = 1.256 Oersted = 0.1256 mT
Display Typ	OLED
Storage capacity	4000 Values
Storage information	Peak value memory: Recording rate approx. 10 measured values / second
Data interface	Wireless
Sensor	Hall sensor
Sensor additional information	Integrated axial field probe, ø 8 mm with defined measuring distance of 2.0 mm
Operating time	40 h
Menu language	German, English (GB), English (US), French, Italian, Spanish, Hungarian, Polish, Dutch
Protection class (device)	IP64
Power supply	1x 1.5V AA Alkaline
Battery/battery	1 x 1,5 V AA Battery (1,5V) , Alkali-Manganese
Battery capacity	3000 mAh
Operating conditions	0 ... 50 °C , 10 ... 90 %RH
Storage conditions	0 ... 50 °C , 10 ... 90 %RH
Dimensions (L x W x H)	103 x 28 x 28 mm
Weight	70 g