ELECTROMAGNETIC RADIATION DETECTOR

PCE-MFM 2400



- **very precise measurement technology**
- **Measuring range up to 24,000 G and 2,400 mT**
- **transverse sensor**
- **for measuring static magnetic fields**
- **automatic shutdown**

With a measuring range of 2,400 mT, the electromagnetic radiation detector covers a wide range of measuring tasks. The field strength meter has an accuracy of 1%. This makes the electromagnetic radiation detector a very precise measuring device. For example, the electromagnetic radiation detector can be used to test relays and permanent magnets for the existing magnetic field. The electromagnetic radiation detector is therefore used in production processes or in quality control.

With the backlight on the electromagnetic radiation detector, the measured values are always easy to read even in poor lighting. Thanks to the automatic switch-off function, the electromagnetic radiation detector automatically switches itself off after 5 minutes. This ensures that the battery of the Gauss meter does not discharge completely.

Specification

Magnetic field DC	
Measuring range	0 ... 200 mT
Resolution	0,01 mT
Accuracy	±1% of Rd
Magnetic field DC	
Measuring range	200 ... 2400 mT
Resolution	0,01 mT
Accuracy	±1% of Rd
Magnetic field DC	
Measuring range	0 ... 2000 g
Resolution	0,1 g
Accuracy	±1% of Rd
Magnetic field DC	
Measuring range	2000 ... 24000 g
Resolution	0,1 g
Accuracy	±1% of Rd

General technical data	
Cable length	1 m
Measuring functions	HOLD
Units	mT, g
Measuring direction	transversal
Display type	LCD with backlight
Measuring rate	1 Hz
Sensor	Hall sensor
Automatic power-off	5 min
Menu language	English, English (GB)
Protection class (device)	IP20
(Rechargeable) battery	1 x 9 V 9V block , Alkali-manganese
Capacity	640 mAh
Performance	5,76 Wh
Operating conditions	0 ... 50 °C , 0 ... 80 % RH
Storage conditions	-20 ... 50 °C , 0 ... 80 % RH
Dimensions (L x W x H)	185 x 97 x 40 mm
Weight	310 g

PCE Instruments UK Ltd.
Chester Rd, Old Trafford Suite 1N-B, Trafford House, M32 0RS Manchester
Great Britain

Phone: +44 (0) 161 4649020
info@pce-instruments.co.uk