

# Magnetometer PCE-MFM 2400



Precise Magnetometer with an accuracy of 1% /

automatic switch-off / transverse measurement / backlight /  
Tesla and Gauss measurement / for static magnetic fields

With a measuring range of 2,400 mT, the magnetometer 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.

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

# Specifications

Measuring range	0... 200 mT 200... 2,400 mT 0 ... 2,000 G 2,000 ... 24,000 G
Accuracy	± 1% of reading
Resolution	0.01 mT 0.1 g
Measuring direction	transversal
Magnetic field	static (DC)
Unit	mT, G
Power supply	1 x 9 V block battery
Automatic shutdown	Automatic shutdown after 5 minutes in idle status
Modes	Hold mode, measurement mode
Display	Backlight digital 4-digit value display
Operating temperature	32 ... 122 ° F, 0... +50 ° C
storage temperature	-4 ... 122 ° F, -20... +50 ° C
Dimensions	7.28 x 3.82 x 1.57 inch; 185 x 97 x 40 mm
Weight	0.68 lb, 310 g
sensor	Hall sensor transversal, cable length approx. 3.28 ft., 1 m

Subject to change