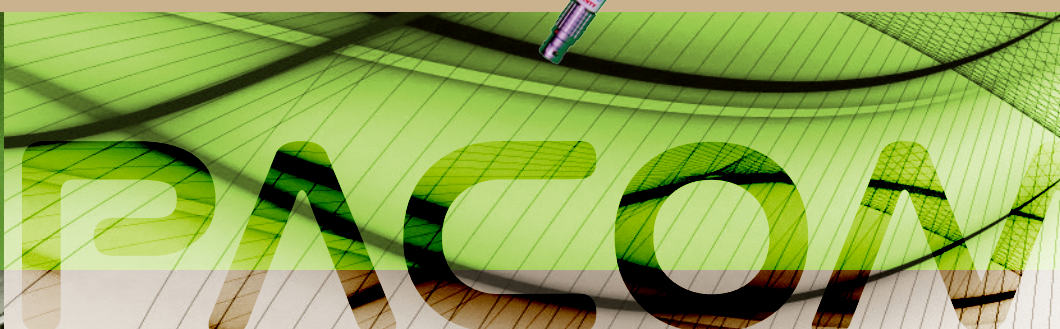
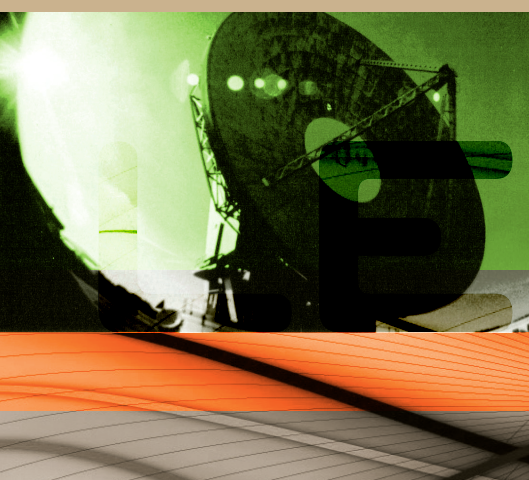


## PROBE 10B

Magnetic field B/H  
5 Hz ÷ 400 kHz



**MICR**  **RAD**



- > Frequency range: 5 Hz ÷ 400 kHz
- > Dynamic Range: 80 dB
- > Directivity: Isotropic

D. Lgs. 81–2008

ICNIRP 1998 / 2010

2004/40/CE e succ.

CEI 211–6

EN 50499

STANDARDS & GUIDE LINES

The 10B probe is based on a set of three mutually orthogonal coils. The high dynamic range together with the linearity satisfy the current requirements for assessment of magnetic field related to human exposure restrictions for both the population and the occupational. The three voltages, corresponding to the spatial components, are available individually at the probe output. The NHT 310 meter calculates the resulting isotropic field strength.

The probe detects magnetic fields from 5 Hz to 400 kHz, covering the fields that occur in ISM and Industry.

## Typical Applications

- Power Lines.
- Transformer Stations.
- Power Industry.
- Magnetic Gates.
- Anti-theft Systems

### TECHNICAL SPECIFICATION

|                            |                                 |                                |
|----------------------------|---------------------------------|--------------------------------|
| Frequency range            |                                 | 5 Hz ÷ 400 kHz                 |
| Type of frequency response |                                 | Flat                           |
| Measurement range          |                                 | 0.1 $\mu$ T ÷ 1 mT             |
| Dynamic range              |                                 | 80 dB                          |
| Sensor type                |                                 | Coils                          |
| Directivity                |                                 | Isotropica                     |
| Accuracy                   | Flatness frequency response     | $\pm 7\%$ (50 Hz ÷ 50 kHz)     |
|                            | Linearity                       | $\pm 7\%$ (0.1 $\mu$ T ÷ 1 mT) |
|                            | Isotropic response ( @100 MHz ) | $\pm 6\%$                      |

### GENERAL SPECIFICATION

|                                  |  |
|----------------------------------|--|
| Calibration Frequencies          | 5–16.7–50–150–500–1500–5000–15000–50000–100000–400000 (Hz) |
| Recommended Calibration Interval | 24 months  |
| Operation temperature            | 0 °C ÷ 50 °C   |
| Size (mm)                        | 327 x 60 (mm)  |
| Weight                           | 135 g  |
| Country of origin                | Italy  |



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