



Reader

All contactless system installation, tuning, or diagnostic, require a tool to measure the radio field performance.

The FDC102 is the perfect tool to evaluate a 13.56 MHz radio frequency power, in loaded condition. Its smartcard size is suitable for on-site operation. It can also be used by a customer/integrator to easily qualify a reader.

Field detector card FDC102

Targeted usage

- Installation and maintenance of contactless systems
- Development, testing, tuning and evaluation of readers

Application fields

- Transport
- Identity
- Banking
- Point of sale
- Loyalty
- Logical / physical access control
- All ISO 14443 applications

Features

- 13.56 MHz loaded radio field power indicator
- Load equivalent to a 13.56 MHz tuned microprocessor card
- 12-LED color bar graph indicator
- Extended scale from < 1 A/m to > 7.5 A/m
- Easy reading of ISO operating level (green LEDs from 1.5 to 7.5 A/m)
- Loaded field measurement: more severe than ISO10373-6/7, but closer to real cards
- Powered by reader radio field (no battery)
- Size: 85.6 mm x 54 mm (ISO 7810-ID1)
- Thickness: 2.6 mm
- Weight: 8 g
- Operating temperature: -5°C to $+55^{\circ}\text{C}$

