



Magnetic Pole Detector/Identifier CY-PD198

The magnetic pole detector CY-PD198 is a highly sensitive device for detecting magnetic poles. It is powered with one battery (1.5V, type AAA). The continuous operation time of the battery is longer than 10 hours. The minimum detectable magnetic field is $\pm 3\text{mT}$ (30Gs).

Detection of Magnetic Pole



Simply press and hold the oval button shown on the photo left. Then, place the tip of the detector to the surface of the magnet. If it is the North Pole, the Red LED will shine, if it's the South Pole, the Green LED will light. It's very simple. And if the button is held and the unit is moved around the surface of the magnet, one can note the transition from one pole to another.



Applications

- Pole detection of permanent and electro magnets
- Measurement of stray magnetic fields in packaging
- Coil testing
- Post-magnetization polarity checks
- Assistance with the following tasks:
 - Electric motor assembly
 - Installation of magnetic clamping blocks
 - Error Analysis
 - Multipole quality control

Technical Data

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|------------------------|--|
| Dimensions: | approx. 120 x 20 x 19mm, sensing area 4x3mm |
| Weight: | approx. 70g inclusive battery and package |
| Display: | two LED display (green=south pole, red=north pole) |
| Sensitivity: | $\pm 3\text{mT}$ |
| Operating temperature: | -20°C ~ +85°C |
| Storage temperature: | -40°C ~ +150°C |
| Battery: | 1 piece, 1.5V AAA LR03 |

Outline



Package



Unit price (FOB Munich, EURO/pc, not inclusive VAT and freight fee)

| Order quantity | 1-4pcs | 5-9pcs | 10pcs | 20pcs | 50pcs | 100pcs | 200pcs |
|----------------|--------|--------|-------|-------|-------|--------|--------|
| Unit price | 38.00 | 35.00 | 32.00 | 29.50 | 27.50 | 25.50 | 23.50 |