



Parameters

| | |
|-------------------------------|--|
| Input connectors (per module) | 2× insulated BNC, 50 Ω |
| Output connector (per module) | 1× insulated BNC, 50 Ω |
| Input current ranges | -0.2 to 1 mA -1 to 5 mA -5 to 25 mA -20 to 100 mA |
| Output signal sensitivity | 0.1 V/mA to 10 V/mA according to the range |
| Internal addressing indicator | 8× LEDs |
| Bandwidth | 100 kHz |
| Power | 230 VAC, 50/60 Hz |
| Dimensions | 19" × 3U × 280 mm |
| Weight | 5 kg |

ICPM 08 is a modular system consisting of up to 8 modules for insulated current probe measurement. The system was originally designed for a probe measurement in fusion research, but it can be used in many other applications where galvanically insulated small current measurement with high temporal resolution is required. The output signal has a form of voltage proportional to the measured electric current. A special system of internal addressing allows to group several inputs from various modules, which minimizes the amount of required external cabling as well as any difficulties with grounding loops. The input current ranges can be set either manually or remotely. The device is mounted in a standard 19" rack cabinet.