



Minimux

Gauging probes multiplexers with 4 or 8 inputs





The Minimux 4 and 8 are inductive gauging probes conditioners that has been especially designed to connect inductive probes to a PC or any other similar equipments. The Minimux 4 and 8 are easy to use and adapted to several applications.

The housing is made in aluminium without external setting that is adapted to be used in an industrial environment.

Main characteristics

- 4 or 8 inputs for Metro inductive gauging probes
- USB 2.0 interface
- Without external power supply
- Measuring resolution :16 bits
- Optionnal RS232 connection on the USB port with a special cable on the Minimux 8
- Integrated management of the resolution and measuring ranges.
- Easy to use and reliable
- Robust

Functions

The Multiplexer conditioners Minimux 4 and 8 ensure the following functions:

- Probes power supply
- Signal process
- Analogue/digital conversion
- Management of the USB Link to the PC

The Minimux are equipped with 4 or 8 inputs for Metro inductive HBT gauging probes.

For each probe, the Minimux selects automatically the measuring scale as well most adapted resolution.

- 0.1µm resolution for probes with a measuring range inferior or equal to ± 2 mm
- 1µm resolution for probes with a measuring range superior to ± 2 mm

Product references

Item	Reference
Minimux4 with USB2.0 port	51020
Minimux8 with USB2.0 port	51030
DIN rail mounting accessory	51021
RS232 cable with power supply for Minimux 8	51031



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