



Calibrated special measuring instrument for the acquisition of

- welding current
- welding voltage

Area of application

- for all welding methods, with which the welding cable can be passed through the opening of the sensors
- due to the precision transducers used many uses of the measuring instruments are possible

e.g. for all standard measuring tasks up to calibration of the welding machines used.
(device calibration)



Impact

The process sensor guarantees a galvanic isolation of the process signals

Option

connection to the HKS- wire- and gas sensors

Specifications

| | |
|-----------------------|--------------------------|
| measurement | 120 x 120 x 105 mm |
| weight | 1 kg |
| supply voltage | + / - 12 ...15 V, 250 mA |
| electrical connection | 12 - pole M 23 |
| attachment | winding type transformer |



sensor - model

Process sensor P 1000

application area

for welding current
up to 1000 A maximum
(e.g. MIG/MAG, TIG)

effective range

| | |
|---------------------------|------------|
| nominal current (RMS) | 1000 A |
| maximum value / current | +/- 1500 A |
| voltage | +/- 100 V |
| output voltage | 0...10 V |
| accuracy | +/-1 % |
| bandwidth | 50 kHz |
| additional current sensor | - |
| dimensions | - |
| weight | - |

**Capteur P1000 pour mesure
tension et intensité de
soudage jusque 100V et 1000A
(courant continu ou alternatif)**

Précision : +/- 1 %

Dimensions : 120x120x105 mm

Poids : 1 kg