

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
weight
supply voltage
electrical connection
attachment

120 x 120 x 105 mm
1 kg
+ / - 12 ... 15 V, 250 mA
12 - pole M 23
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)
maximum value / current
voltage

1000 A
+/- 1500 A
+/- 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