



SUTO Miniflex 1000 current clamp sensor is an AC RMS current sensor composed of a flexible active part (Rogowski coil model) connected to a compact digital converter, capable of measuring the current carried on a power conductor up to a value of 1000 Aac.

The digital converter supplies an output of 4-20 mA DC in linear proportion to the measured current.

## Features

- Easy installation
- Wide measuring range
- Accurate current sensing
- 4-20 mA output signal

## Applications

- Current sensing at compressors for load / unload analyzes
- Current sensing for power / energy measurement
- Evaluation of machine operation hours

### Technical data

Measuring range	10 ... 1000 A AC
Fundamental frequency	40 ... 70 Hz
Output signal	4 ... 20 mA DC - 0 A AC measured = 4 mA DC output - 1000 A AC measured = 20 mA DC output
Maximum output	21,6 mA DC
Load impedance	≤ 300 Ω
Accuracy	0.5% of reading + 0.2% of range
Power supply	10 VDC to 32 VDC
Current consumption	≤ 30 mA
Max. Clamp capacity	100 mm ± 2 mm
Maximum temperature of clamped cable	≤ +80 °C
Protection rating	IP67
Service voltage	≤ 1000 CAT III, 600 V CAT IV

### Order no. Description

S554 0056	SUTO MiniFLEX 1000, 1000A, 100 mm diameter, including connector to S 551
S554 0055	SUTO MiniFLEX 1000, 1000A, 100 mm diameter, open wire ends