

## WZ1001

Industrial automation components

<b>Manufacturer</b>	Inny/Other/Andere
<b>Catalog number</b>	wz1001
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Brand</b>	Gossen Metrawatt
<b>Part Number</b>	WZ1001
<b>Item Number</b>	Z194A
<b>Product Type</b>	AC Current Clamp Transformer
<b>Measuring Range</b>	1...1000 A AC
<b>Transformation Ratio</b>	1000:1
<b>Output Signal</b>	1 mA AC / 1 A AC
<b>Accuracy Class</b>	1 (2.5 VA)
<b>Frequency Range</b>	40...1000 Hz
<b>Clamp Opening</b>	43 mm

### Description

The Gossen Metrawatt WZ1001 is a compact and reliable AC current clamp transformer designed for precise, interruption-free measurement of alternating currents up to 1000 A. Ideal for industrial and commercial applications, it features a transformation ratio of 1000:1, providing an output signal of 1 mA AC per 1 A AC, with an accuracy class of 1 (2.5 VA). The device operates within a frequency range of 40 to 1000 Hz, accommodating a wide array of measurement scenarios. Its large clamp opening of 43 mm allows for easy encirclement of conductors or busbars, and the permanently connected safety cable ensures secure operation. Compliant with IEC 61010 standards, the WZ1001 is rated for CAT III 600 V environments, ensuring safety during use. This current clamp is particularly well-suited for use with the METRALINE DM61 digital multimeter, enhancing measurement capabilities in various settings.