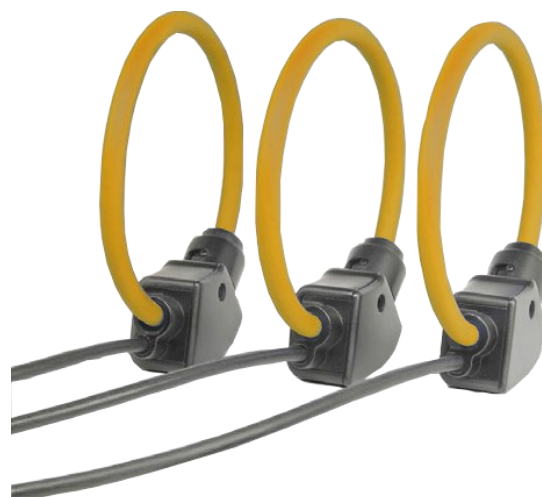


Technical Information

Coil length	from 25 to 300 cm
Coil diameter	8.3 ±0.2 mm
Fastening	bayonet holder
Weight	from 150 to 500 g
Material	thermoplastic UL94-V0
Output level (RMS)	100 mV / 1 kA @50Hz (standard)
Coil resistance	from 70 to 900 Ω
Positioning error	better than ±1% of reading (with 15 mm diameter cable)
Frequency range	approx 40 Hz to 20 kHz
Working voltage	<ul style="list-style-type: none"> 1000 V_{RMS} CAT III 600 V_{RMS} CAT IV pollution degree 2
Test voltage	7400 V _{RMS} / 1 min
Connection cable type	2 x 0.15 mm + shield
Connection cable length	on request
Operating temperature	from -30°C to +80°C
Storage temperature	from -40°C to +80°C
Protection degree	IP67
Safety	EN61010-1, EN61010-031, EN61010-2-031, EN61010-2-032



Rogowski Flexible Current Transducer

ROG025 is a flexible current transducer based on Rogowski principle, particularly suitable for measurement in combination with portable devices.

ROG025 coils are available in different sizes and can be supplied according to customer's design, therefore they can be used in all those applications, in which traditional transducers are not fitting due to its size and/or weight.

Due to its specific features, flexible Rogowski coil is an extremely comfortable solution for current measurement and can be used in a number of cases where traditional current transducer is not the adequate solution.

ROG025 coil is provided with a shield against the influence of external magnetic fields, therefore it grants a stable measurement from low currents to hundreds of kA

The Rogowski coils must be connected to an electronic integrator for 90° phase shift compensation and frequency equalization.

Our energy meters can interface Rogowski coils directly without the need of the external integrators.

The features shown may be subject to change without notice.

WB5041E Rev.01