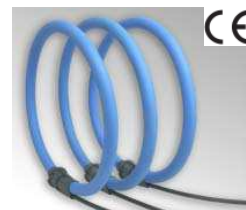


Flexible Rogowski Coil - MFC 150

Features:

- Suitable to measure currents from mAmps to hundreds of kAmps;
- High linearity, wide dynamic range, cannot be damaged by large overloads;
- No danger from open-circuited secondary, non-intrusive, no power drawn from the main;
- Light enough to be suspended on the conductor being measured;
- Coil length up to 2m on request, totally shielded;
- Very useful with large size or awkward shaped conductors or in places with limited access;

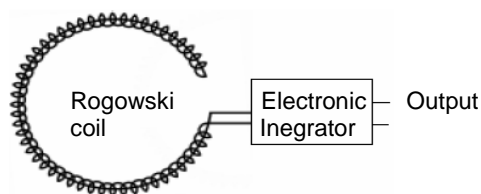


Technical specification:

Length	35÷220 cm
Internal diameter	10÷65 cm
Locking	Bayonet holder
Weight	90÷650g
Material	Thermoplastic rubber
Connection cable	2 x 0.15mm with shield, ~3m
Output level RMS	40,100,150mV, 1V/1kA @ 50Hz
Permissible load	> 15kΩ, for best accuracy
Coil resistance	20÷40Ω/100mV, 7÷40Ω/40mV
Accuracy	±2% without calibration ±1% calibration resistance
Frequency range	8÷20kHz depends on coil length
Working voltage	Max. 1000VRMS
Test voltage	7400VRMS / 1min
Temperature	-20÷80°C
Relative humidity	Max. 95%, without condensation
Safety	EN 61010/-1/-031/-2-031/-2-032

Applications:

Measuring devices, lab instrumentation, power monitoring & control systems, DC ripple measurement, harmonics and transients monitoring, very high current monitoring.



Order code : MCF 150- A -□-□-□-□-□-□-□-□-□-□-□

Length	xxx	035 ÷ 220 cm
Output	040	40mv / 1kA @ 50Hz
	100	100mv / 1kA @ 50Hz
	150	150mv / 1kA @ 50Hz
	V01	1V / 1kA @ 50Hz
Colour	B	Blue
	R	Red
Cable length	xxx	Standard 300cm
Accuracy	S	< 1% calibration*
	P	S + connector FRB
	C	± 2%

- (1) The standard lengths available from stock are 60 and 70 cm with 100mV/1kA @ 50Hz output. For different sizes please check delivery time and price.
- (2) Special version with high sensitivity, available in the 40cm length (internal diameter approx. 11cm)
- (3) The standard colours are blue and red. Blue is for the 100mV/1kA @ 50Hz version. Red is for 40mV/1kA @ 50Hz. Other colours on request: check for delivery time and minimum quantity.

* calibration resistor included