

kit 1 FLEX RMG70



kit 1 FLEX RMG70, Flexible sensors

Code: M81911.

- > Lenght: 22 cm
- > Nr Sensors: 1
- > Usefull diam.(mm): 70
- > Measurement Range (A): 10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A
- > I min: 1 | 10 | 500

Specifications

Environmental characteristics

Protection class	IP 54
Relative humidity (without condensation)	15...85 %
Storage temperature	-40...85 °C
Working temperature	-20...85 °C

Mechanical characteristics

Envelope	Sensor material: Self-extinguishing UNE 21031 90 °C / Material couplings: PA V-0
Weight (kg)	0,4

Specific technical characteristics of current sensors

External fields	± 2 %
Maximum temperature coefficient	± 0,05 %
Linearity	(10...100%) ± 0,2 %
Position sensitivity (cable connection)	± 3 %
Output voltage	100 µV/A a 50 Hz

Current measurement circuit

Nominal frequency	50Hz/60 Hz.
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Electrical safety

Insulation	Double-insulated electric shock protection class II (IEC 61010-1)
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Standards

Electrical safety, Contamination level/class	Pollution resistance 2
Standards	Dielectric strength IEC 61010-2-32 (5,4 kV 50 Hz), IEC 61010-1

FLEX-RMG

CODE	TYPE	Measurement Range (A)	Nr Sensors
M81911.	kit 1 FLEX RMG70	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	1
M81931.	kit 3 FLEX RMG70	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	3
M81941.	kit 4 FLEX RMG70	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	4



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Flexible Clamps

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CODE	TYPE	Measurement Range (A)	Nr Sensors
M81912.	kit 1 FLEX RMG120	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	1
M81932.	kit 3 FLEX RMG120	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	3
M81942.	kit 4 FLEX RMG120	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	4