



KIT 1-FLEX-R80

KIT 1-FLEX-R80, Flexible clamp

Code: M81612.

- > Lenght: 80 cm
- > Nr Sensors: 1
- > Usefull diam.(mm): 250
- > Measurement Range (A): 10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A
- > IΔn min.(A): 1
- > I min: 1 | 10 | 500

Specifications

Environmental characteristics

Protection class	IP 20 / IP 54 with terminal cover (optional) (for models Ø 85, 100, 116 mm)
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)	0,31

Specific technical characteristics of current sensors

External fields	± 2 %
Maximum temperature coefficient	± 0,05 %
Accuracy	± 1 %
Linearity	(10...100%) ± 0,2 %
Position sensitivity (cable connection)	± 3 %
Output voltage	76 µV/A a 50 Hz

Current measurement circuit

Nominal frequency	50Hz/60 Hz.
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Standards

Electrical safety, Installation category	1000V CAT III / 600V CAT IV
Electrical safety, Contamination level/class	Pollution resistance 2
Standards	Dielectric strength IEC 61010-2-32 (5,4 kV 50 Hz)

Electrical safety

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



KIT 1-FLEX-R80

Flexible Clamps

Code: M81612.

CODE	TYPE	Measurement Range (A)	Nr Sensors
Flexible Clamps			
M81611.	KIT 1 -FLEX-R45	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	1
M81631.	KIT 3 -FLEX-R45	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	3
M81641.	KIT 4-FLEX-R45	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	4
M81612.	KIT 1-FLEX-R80	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	1
M81632.	KIT 3-FLEX-R80	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	3
M81642.	KIT 4-FLEX-R80	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	4
M81613.	KIT 1-FLEX-R120	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	1
M81633.	KIT 3-FLEX-R120	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	3
M81643.	KIT 4-FLEX-R120	10 ... 100 A / 100 ... 1000 A / 1000 ... 10000 A	4