



TCM-420-25-100A

TCM-420-25-100A, Current transformer with converter 4 ... 20 mA

Code: M71046.

- > Inner diameter (mm): 25
- > Analog output: 4...20 mA
- > Measurement Range (A): 100
- > Input current: 100 A
- > Transformer type: Current transformer with 4 ... 20 mA converter

Specifications

Auxiliary power supply

Voltage	230 Vac
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Mechanical characteristics

Size (mm) width x height x depth	70 x 87 x 70 (mm)
Weight (kg)	0,19

Environmental characteristics

Working temperature	-10°...+50 °C
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Specific technical characteristics of current sensors

Inner diameter Ø (mm)	25
Operating voltage	0,72 kV~ max.

Current measurement circuit

Nominal frequency	66 / 60 Hz
Primary current measurement	100 A
Permanent overload	1,5 In
Transformation ratio	4 ... 20 mA

Standards

Standards	IEC 44-1, UNE 21 088-1, IEC 664, VDE0110, VDE0414, UL 94, IEC 1010-1, EN 61010-1
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Measurement accuracy

Accuracy	±1,5% In
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TCM-420-25

Current transformer with converter 4...20 mA, flat strip 25 mm

CODE	TYPE	Measurement Range (A)	Inner diameter (mm)
Output internal supply 4...20 mA (230 Vac Auxiliary supply)			
M71041.	TCM-420-25-2.5A	2.5	25
M71042.	TCM-420-25-5A	5	25
M71043.	TCM-420-25-10A	10	25



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CODE	TYPE	Measurement Range (A)	Inner diameter (mm)
M71044.	TCM-420-25-20A	20	25
M71045.	TCM-420-25-50A	50	25
M71046.	TCM-420-25-100A	100	25
M71047.	TCM-420-25-200A	200	25



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Dimensions

