

6 SCMA current/voltage/frequency meter

Current/voltage/frequency meter SCMA-VADC-710

- Current/voltage or frequency measurement with our hand-held measuring devices
- Connection of external sensors (e.g. for measuring torque, force or displacement) to our hand-held measuring devices
- Galvanic isolation - high safety even when using several adapters
- CAN and analogue output - compatible with our new hand-held measuring device



Applications:

- Force-path diagram
- Torque-volume flow characteristic
- Current consumption at proportional valve
- Measurement of switching states of motors/pumps

Data:

- Voltages up to ± 48 V
- Currents up to ± 4 A
- Frequencies up to 5 kHz
- Supply of external sensors up to 24 V

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Technical data

Input (galvanically zinc-coated)				
	DC voltage	DC current	DC current	Frequency
Measuring range	-48 ... +48 V	-20 ... +20 mA	-4 ... +4 A	0 ... 5000Hz 100 mV ... 24 V
Accuracy	±0.5 % FS	±0.5 % FS	±1.5 % FS	± 0.04% FS @ <100 Hz ± 0.5% FS @ > 100 Hz
Long-term stability	0.1 % Volt. / a			
External sensor power supply (galvanically isolated)				
Power supply (external)	24 VDC ± 2 V			
Current without power supply	max. 50 mA			
Current with power supply	max. 100 mA			
Power supply external				
Power supply	11...30 VDC			
Connections				
Measuring inputs	4 mm banana sockets			
Analogue outputs	5 pin, push-pull			
CAN output	5-pin, M 12x1, SPEEDCON®, plug			
External power supply	3-pin, socket			
Ambient conditions				
Ambient temperature	0...+60 °C			
Storage temperature	-20...+70 °C			
Rel. Humidity	< 80 %			
Protection class	IP40 EN 60529			
Housing				
Dimensions (W x H x D)	100 x 100 x 61 mm			
Material	ABS			
Weight				
Weight	240 g			
Order designation				
Order designation	SCMA-VADC-710			
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Dimensional drawing

