

# Current/voltage/ frequency converter

SCMA-VADC-710



## Product features:

- Current/voltage or frequency measurement with our handheld devices
- Connecting external sensors (e.g. for measurement of torque, force or distance) to our handheld devices
- Galvanic isolation - improved safety, also when using several adaptors
- CAN and analog output - compatible with our new handheld devices



## Contact:

**EMEA Product Information Centre**  
**Free phone: 00 800 27 27 5374**  
(from AT, BE, CH, CZ, DE, DK, EE, ES, FI, FR, IE, IL, IS, IT, LU, MT, NL, NO, PL, PT, RU, SE, SK, UK, ZA)  
**US Product Information Centre**  
**Toll-free number: 1-800-27 27 537**  
[www.parker.com](http://www.parker.com)

## Data:

- Voltages up to  $\pm 48$  V
- Currents up to  $\pm 4$  A
- Frequencies up to 5 kHz
- Supply for external sensors

## Applications:

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



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## Technical data:

Input (galvanically isolated)				
	Voltage DC	Current DC	Current DC	Frequency
Measuring range	-48 - +48 V	-20 - +20 mA	-4 - +4 A	1 - 5000 Hz 100 mV - 24 V
Accuracy	CAN: $\pm 0.5$ % FS analog: $\pm 1$ % FS	CAN: $\pm 0.5$ % FS analog: $\pm 1$ % FS	$\pm 1.5$ % FS	CAN: $\pm 0.1$ % FS @ $\leq 100$ Hz $\pm 0.5$ % FS @ $> 100$ Hz analog: $\pm 1$ % FS
Long-term stability	0.1 % Span / a			
External sensor power supply (galvanically isolated)				
Voltage	24 VDC $\pm 2$ V			
Current without power adaptor	max. 50 mA			
Current with power adaptor	max. 100 mA			
External power supply				
Power supply	11 - 30 VDC			
Porting				
Measurement inputs	4 mm banana jacks			
Analog output	5 pin, push-pull			
CAN output	5 pin, M 12x1, SPEEDCON®, connector			
External power supply	3 pin, socket			
Environmental conditions				
Operating temperature	0 - +60 °C			
Storage temperature	-20 - +85 °C			
Rel. Humidity	< 80 %			
IP Rating	IP40 (EN60529)			
Housings				
Dimensions	100 x 100 x 61 mm (W x H x D)			
Material	ABS			
Weight				
Weight	240 g			
Order code				
Order code	SCMA-VADC-710			

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## Dimensions:

