

# CSM Supply Unit HIOKI



## Product Description

With the **CSM Supply Unit HIOKI**, HIOKI current sensors can be easily integrated into CSM measurement systems. The sensors are easily connected to the CSM supply unit via the existing plug (ME15W) of the HIOKI sensors. This provides more flexible and easier installation compared to the version with permanently connected cabling.

With several supply units, up to four current sensors can be connected to a 4-channel AD measuring module, even with different measuring ranges.

For power measurements it is possible to use current and voltage sensors simultaneously with one measuring module.

## Shipping content

- ▶ CSM Supply Unit HIOKI
- ▶ Cabling (ready-to-connect)



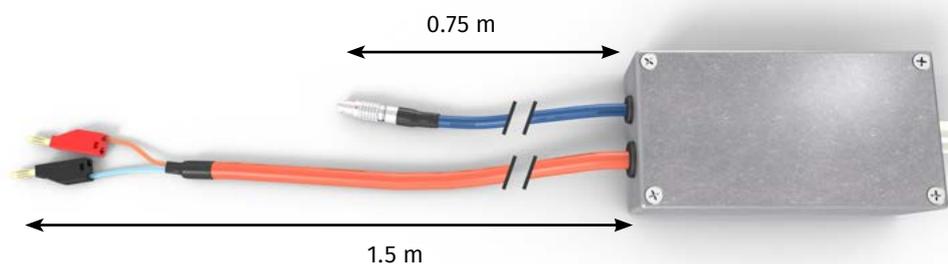
## Key features

- ▶ Easy integration of HIOKI current sensors in CSM measurement setups
- ▶ Ready-to-connect solution for current measurements up to  $\pm 1,000$  A
- ▶ High flexibility due to uncomplicated & quick attachment of the sensor
- ▶ Applicable for 48V on-board power systems and high-voltage environments

## Supply module

<b>Type designation</b>	<b>CSM Supply Unit HIOKI</b>
<b>Power supply</b>	Externally, through $U_{\text{Bat}}$ of the vehicle with active reverse polarity protection
Minimum	10 V DC (-10 %)
Maximum	32 V DC (+10 %)
<b>Output voltage</b>	$\pm 12$ V
<b>Connectors</b>	
Power supply	Banana plugs
Output (to measur. module)	LEMO 1B, 8-pole, code G
Input (to current clamp)	ME15W socket
<b>Cable lengths</b>	
to power supply	1.5 m
to measurement module	0.75 m
Recommended Measurement range	$\pm 5$ V (AD4 pro IG1000 MiniModule)
<b>Housing</b>	
Operating temperature range	-40 °C to +85 °C
Protection class	IP65
Dimensions (W × H × D)	approx. 111 × 60 × 31 mm
<b>Tested sensors</b>	HIOKI CT6841A, CT6843A, CT6844A, CT6845A, CT6846A

## Connection diagram (CSM Supply Unit HIOKI)





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