

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.



Key features

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

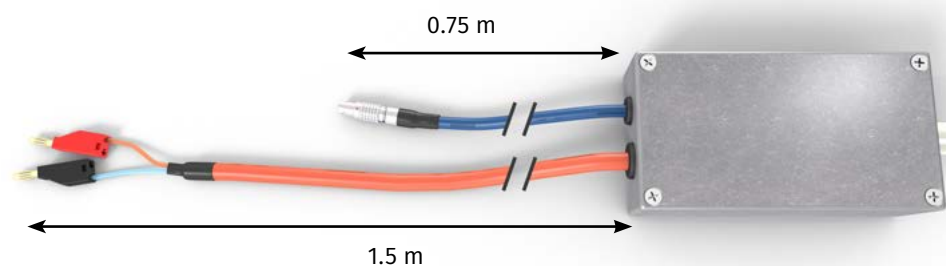
Shipping content

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

Supply module

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

Connection diagram (CSM Supply Unit HIOKI)





CSM GmbH Headquarters (Germany)

Raiffeisenstraße 36 • 70794 Filderstadt

☎ +49 711-77 96 40 ✉ sales@csm.de

CSM Office Southern Europe (France, Italy)

Site d'Archamps

60, rue Douglas Engelbart • Immeuble ABC 1, Entrée A – 1er étage

74160 Archamps, France

☎ +33 450-95 86 44 ✉ info@csm-produits.fr

CSM Products, Inc. USA (USA, Canada, Mexico)

1920 Opdyke Court, Suite 200 • Auburn Hills, MI 48326

☎ +1 248 836-4995 ✉ sales@csmproductsinc.com

CSM (RoW)

Vector Informatik (China, Japan, Korea, India, Great Britain)

ECM AB (Sweden)

DATRON-TECHNOLOGY (Slovakia, Czech Republic)

Our partners guarantee you worldwide availability.

Feel free to contact us.

CSM GmbH Germany is certified.



All trademarks mentioned are property of their respective owners.

Specifications are subject to change without notice.

CANopen® and CiA® are registered community trademarks of CAN in Automation e.V.

EtherCAT® is registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany..