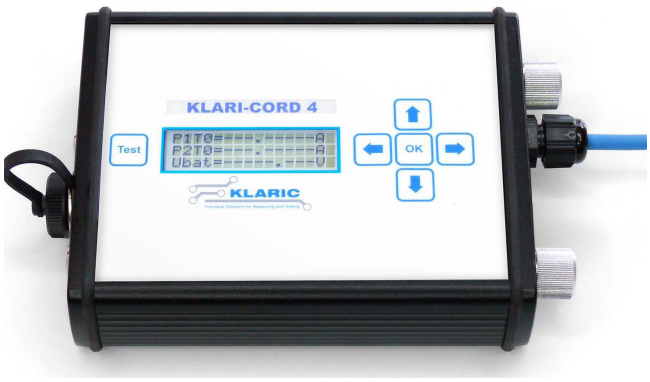
KLARI-CORD 4



Ideal for long-term measurements of quiescent and operating currents in continuous operation or analysis vehicles. Internal memory for measured data.

Features

- 2 universal Inputs
- 1 x MS3-Input (3 x voltage, 1 x temperature)
- 6 Channel
- **Internal memory for measured data**
- Dynamic sampling rate
- Autorange function
- Automatic Probe identification (similar to TEDS)
- Galvanical isolation
- Online calculation of charge/discharge and total balance
- independent 1 MBaud CAN-Interfaces

Probe-Variants

Current measurement

Fuse-Probes: MICRO2, MICRO3, FK1, FK2, FK3, JCASE, MCASE

High Current-Probes: BF1, BF2, BF3-Shunt

Low Current-Probes: LI

Voltage measurement

80V U-PROBE

For detailed technical information please refer to the data sheet „KLARI-PROBES“

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KLARIC
Individual Solutions for Measuring and Testing

KLARI-CORD 4

Version

- Aluminium housing 125/110/35 mm (L/W/H)
- Protection class IP65
- Temperature Range -40...+85°C
- Temperature Range with Dispay -20...+70°C
- Supply Voltage 7..60 V DC

Applications

- Long-term fleet measurements
- Power measurement of power electronics in vehicles or on test benches
- Quiescent and operating current measurements

Accessories

- Klaric LV-Probes
- CAN cable harness with power supply

Scope of delivery

- Measuring module
- Factory calibration certificate (DAkkS optional)
- DBC files and documentation

Technische Daten

Inputs	3 Inputs 6 Channel
Capabilities	Klaric LV-Probes with automatic recognition and transfer of calibration values Current Voltage PT100/1000
Resolution	16 Bit ADC with 5 Measurement Ranges
Sample Rate	0,25 Hz to 8 kHz per channel configurable, dynamic sampling speed trigger
Measurement Ranges	±7,5 mV, ±15 mV, ±30 mV, ±120 mV, +720 / -300 mV 0,25 µV, 0,5 µV, 1 µV, 4 µV, 24 µV Resolution
Accuracy	±0,1 % reading ± 3 Bit of the actual measurement range at 23°C ± 5°C ± 1 % reading ± 3 Bit of the actual measurement range -40°C bis +80°C Measurement Modules + Klari-Probes in a chain
CAN	125k, 250k, 500k, 1000k Baud configurable internal CAN termination via Software swichtable CAN Base ID configurable
Configuration via	USB (virtueller COM Port) CAN
Power Consumption	typ. 0,5 - 1 W
Temperature Range	-40°C -85°C -20°C - 70°C (Display Version)
Calibration	12 Monate

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