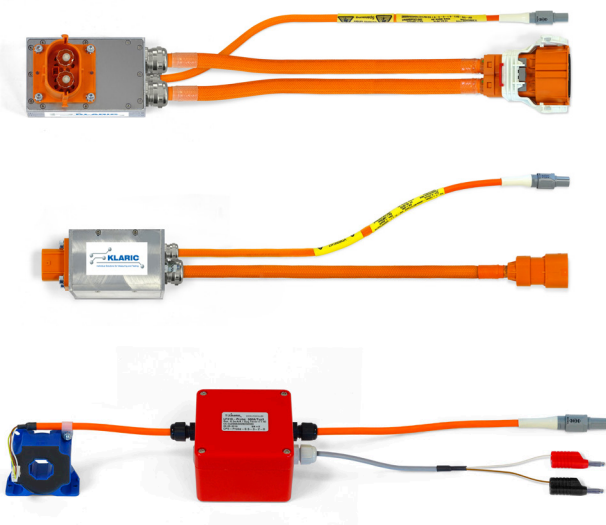


KLARI-PA625 1500V



Mobile Power Analyzer for various measurement tasks in the vehicle or in the laboratory

Features

- 4, 6 or 8 Inputs
- 4 to 8 Channel
- **625 kHz Samplerate**
- 1.500 V galvanical isolation
- Online calculation of power, work, power factor, RMS values, frequency
- Sample rate from 1,25 Hz to 625 kHz per channel
- 1 Gbit/s XCP-on-Ethernet or Klaric-Server
- 2 independent 1 Mbaud CAN-Interfaces
- Automatic Probe identification (similar to TEDS)

Probe-Variants with automatic identification

HV-Measurement Adapter

HVP800, HVA280, HVR50 or customer specific

Current/Voltage Measurement

I/U-COMBI-PROBE for simultaneous measurement of current and voltage at one connector

Current Measurement

Combi-Probes: BF1, BF2, LI

High current probes: BF1, BF2, BF3-Shunt

Low current probes: LI

HV-LEM-Probe

Voltage Measurement

200 V HVU-PROBE

1000 V HVU-PROBE

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

KLARI-PA625 1500V

Version

- Aluminium housing 165/108/42 mm (L/B/H)
- Protection class IP65
- Temperature Range -40...+85°C
- Supply Voltage 7..60 V DC

Scope of delivery

- Measuring module
- Factory calibration certificate (DAkkS optional)
- HV test protocol
- A2L/DBC files and documentation

Applications

- Multiphase power measurement on electric drives
- Power measurements of HV components
- Voltage measurement in the HV-board net

Accessories

- Klaric HV-Measurement Adapter
- Klaric HV-Probes
- CAN cable harness with power supply
- Ethernet cable harness with/without supply

Technical data

Inputs	4, 6 or 8 Inputs 4 Inputs, 8 Channel (supports combi-I/U-Probe) 6 Inputs, 6 Channel (does not support Kombi-I/U-Probe) 8 Inputs, 8 Channel (does not support Kombi-I/U-Probe)
Capabilities	Klaric HV-Probes with automatic detection and import of the calibration values Current Voltage 2xVoltage Combi-I/U
Resolution	Klaric HV-Measurement Adapter 24 Bit ADC
Sample Rate	1 MHz per channel configurable CAN output can be averaged
Measurement Ranges	± 1 V Resolution 0,150 µV/Bit
Accuracy	± 0,1 % reading at 23°C ± 5°C Measurement Modules + Klari-Probes in a chain
Voltage Supply Range	7-60 V
Power Consumption	typ. 25 W
Temperature Range	-40°C to +85°C
HV-Isolation test	every 12 months

Klari-Probe Measurement Ranges with KLARI-PA625 1500V

I-PROBE		U-PROBE	
1 mΩ	200µΩ	1000 V	
Measurement Range [A]	Resolution [mA/Bit]	Measurement Range [A]	Resolution [mV/Bit]
±1.000	0,150	±5.000	0,750
		±1.000	0,425