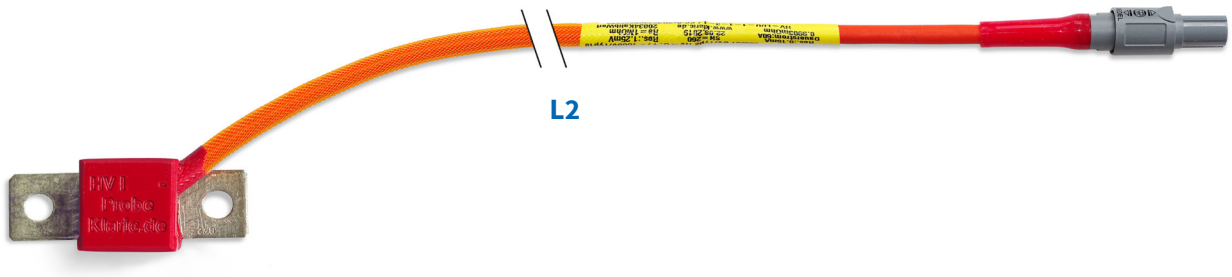
KLARIC
Individual Solutions for Measuring and Testing

HIGH VOLTAGE PROBES

HV-HI-PROBE



HV-HI-PROBE for current measurements in high-voltage systems in vehicles, on test benches or in laboratories. Automatic probe identification.

Features

- Current Probe
- Extremely wide measuring range
- High-precision shunt based current measurement quiescent, operating and peak currents
- Automatic Probe identification (similar to TEDS)

Version

- Type: BF1, BF2, BF3
- Dimension BF1: 17,5/20/15 mm (L/W/H)
- Dimension BF2: 28/27,5/20 mm (L/W/H)
- Dimension BF3: 57/31,5/20,5 mm (L/W/H)
- Temperature range -40°C to +130°C (-40°F to 266°F)

Scope of delivery

- HV-HI-PROBE
- Factory calibration certificate (DAkkS optional)

Accessories

- HV-Probe extension cable

BF1 Versions

Resistance [mΩ]	Measurement range [A]	Resolution/Bit* [mA]	Continuous current** [A]
2	-150 bis +360	0,125	60
1	-300 bis +720	0,25	80
0,5	-600 bis +1.440	0,5	120
0,2	-1.500 bis +3.600	1,25	150

Specification in each case in the smallest measuring range at roomtemperature (23°C)
* KLARI-ONE 1000V, KLARI-ONE PLUS 1000V
** KLARI-QUAD 2 1500V

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BF2 Versions

Resistance [mΩ]	Measurement range [A]	Resolution/Bit* [mA]	Continuous current [A]
1	-150 / +360	0,3	80
0,5	-600 / +1.440	0,6	120
0,2	-1500 / +3.600	1,5	150
0,1	-3.000 / +7.200	3	310

Specification in each case in the smallest measuring range at roomtemperature (23°C)
* KLARI-ONE 1000V, KLARI-ONE PLUS 1000V
KLARI-QUAD 2 1500V

Connection of the shunts via copper bar 20x3x200 mm

BF3 Versions

Resistance [mΩ]	Measurement range [A]	Resolution/Bit* [mA]	Continuous current [A]
0,05	-6.000 / +8.000	5	300
0,0375	-8.000 / +19.200	6,6	380
0,025	-8.000 / +8.000	10	420

Specification in each case in the smallest measuring range at roomtemperature (23°C)
* KLARI-ONE 1000V, KLARI-ONE PLUS 1000V
KLARI-QUAD 2 1500V

Code for Order:

Name - resistance - L1 - L2 - L3
HV-HI-BFX - 0,005/.../2 - 0 - 1...5 - 0,5

Connection of the shunts via copper bar 20x3x200 mm