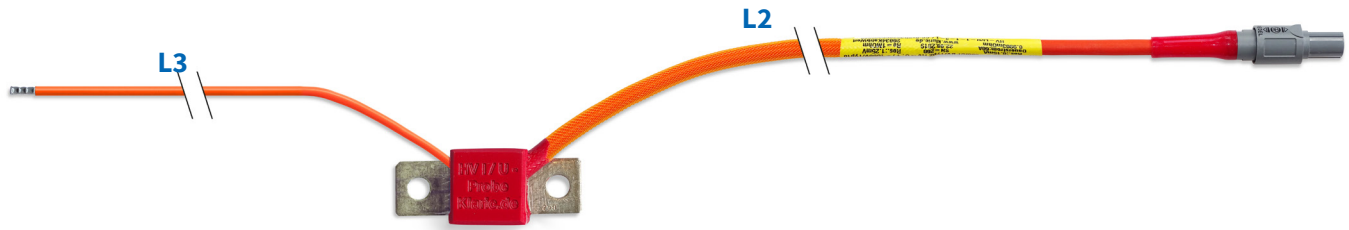


HIGH VOLTAGE PROBES

HV-HP-PROBE



HV-HP-PROBE for measurements of voltage and current with only one input. Can be used in high-voltage systems in vehicles or on test benches.

Features

- Current and voltage measurement with one Probe
- High precision shunt based current measurement
- Compatible with all Klaric HV measurement modules
- Automatic sample identification (similar to TEDS)

Version

- Temperature range -40°C to +130°C (-40°F to 266°F)
- HV connectors customer specific
- Type BF1, BF2 or BF3
- Dimension BF1: 19,5/17,5/20 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)

Scope of delivery

- HV-PROBE
- Factory calibration certificate (DAkKS optional)

Accessories

- HV Probe Extension Cable

BF1 Measurement Ranges

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

* Indication in each case in the smallest measuring range

** at room temperature (23°C) and depending on the connected cable cross-section

HIGH VOLTAGE PROBES

HV-HP-PROBE



BF2 Versions

Resistance [mΩ]	Measurement range ** [A]	Resolution/Bit* [mA]	Continuous current [A]
2	-150 / +360	0,12	80
1	-300 / +720	0,3	120
0,5	-600 / +1.440	0,6	130
0,2	-1.500 / +3.600	1,5	180
0,1	-3.000 / +7.200	3	310

Specification in each case in the smallest measuring range at roomtemperature (23°C)

Connection of the shunts via copper bar 20x3x200 mm

* KLARI-ONE 1000V, KLARI-ONE PLUS 1000V

** KLARI-QUAD 2 1500V

BF3 Versions

Resistance [mΩ]	Measurement range ** [A]	Resolution/Bit* [mA]	Continuous current [A]
0,05	-6.000 / +14.400	5	350
0,0375	-8.000 / +19.200	6.6	380
0,025	-12.000 / +28.800	10	420

Specification in each case in the smallest measuring range at roomtemperature (23°C)

Connection of the shunts via copper bar 20x3x200 mm

* KLARI-ONE 1000V, KLARI-ONE PLUS 1000V

** KLARI-QUAD 2 1500V

U-Probe Ranges

Gain	Measurement range [V]	Resolution/Bit* [mV]
100	± 45	1,5
40	± 135	4,5
25	± 210	7
5	± 1.000	35
1	± 1.000	175

Code for Order:

Name - Resistance - L1 - L2 - L3
 HV-HP-BFX - 0,005/.../2 - 0 - 1...5 - 0,5