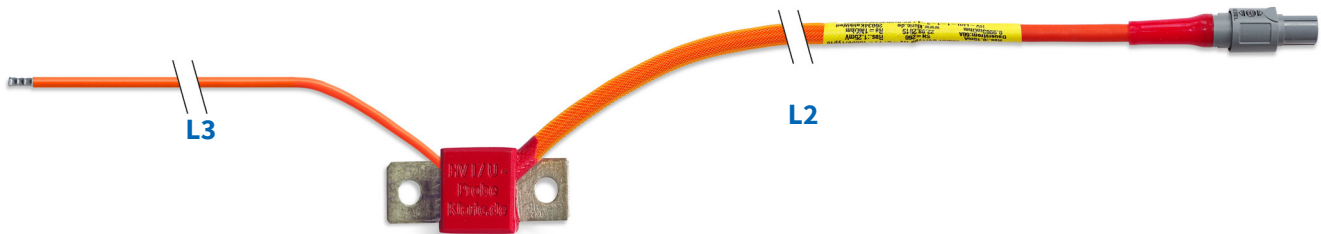


HV-I/U-COMBI-PROBE



HV-COMBI-I/U-PROBE for measurements of voltage and current with only one input Can be used in high-voltage systems in vehicles, on test benches or in laboratories. Automatic probe identification.

Features

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

Version

- Dimension BF1: 42/16/15 mm (L/W/H)
- Dimension BF2: 68/27/15 mm (L/W/H)
- Dimension BF3: 68/36/15 mm (L/W/H)
- Type: BF1, BF2, BF3
- Temperature range -40 - 130°C

Scope of Delivery

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

Accessories

- Battery connection cable set with pole clamps
- NV-Probe extension cable

BF1 Versions

RESISTANCE [mΩ]	CONTINUOUS CURRENT[A]	MEASUREMENT RANGE [A]	RESOLUTION/BIT* [mA]	MEASUREMENT RANGE [A]	RESOLUTION/BIT** [mA]
2,5	60	-120 / +288	0,1	-96 / +420	0,12
1	80	-300 / +720	0,25	-240 / +1.050	0,3
0,5	120	-600 / +1.440	0,5	-480 / +2.100	0,6
0,2	150	-1.500 / +3.600	1,25	-1.200 / +5.250	1,5

Specification in each case in the smallest measuring range

Dimension (L/W/H): 42x16x15 mm

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

** KLARI-QUAD 2 1500V

HV-I/U-COMBI-PROBES

BF2 Versions

RESISTANCE [mΩ]	CONTINUOUS CURRENT[A]	MEASUREMENT RANGE [A]	RESOLUTION/BIT* [mA]	MEASUREMENT RANGE [A]	RESOLUTION/BIT** [mA]
2,5	60	-120 / +288	0,1	-96 / +420	0,12
1	80	-300 / +720	0,25	-240 / +1.050	0,3
0,5	120	-600 / +1.440	0,5	-480 / +2.100	0,6
0,2	150	-1.500 / +3.600	1,25	-1.200 / +5.250	1,5
0,1	310	-3.000 / +7.200	2,5	-2.400 / +10.500	3

Specification in each case in the smallest measuring range at room temperature (23°)

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

** KLARI-QUAD 2 1500V

Dimension (L/B/H): 68x27x15 mm
Connection of the shunts via copper bar 20x3x200 mm

BF3 Versions

RESISTANCE [mΩ]	CONTINUOUS CURRENT[A]	MEASUREMENT RANGE [A]	RESOLUTION/BIT* [mA]	MEASUREMENT RANGE [A]	RESOLUTION/BIT** [mA]
0,05	300	-6.000 / +8.000	5	-4.800 / +8.000	6
0,025	420	-8.000 / +8.000	10	-8.000 / +8.000	12
0,005	120	-600 / +1.440	50	-480 / +2.100	60

Specification in each case in the smallest measuring range at room temperature (23°)

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

** KLARI-QUAD 2 1500V

Dimension (L/B/H): 68x36x15 mm
Connection of the shunts via copper bar 20x3x200 mm

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
HVI/U-BFX - 0,005/.../2 - 0 - 1...5 - 0,5