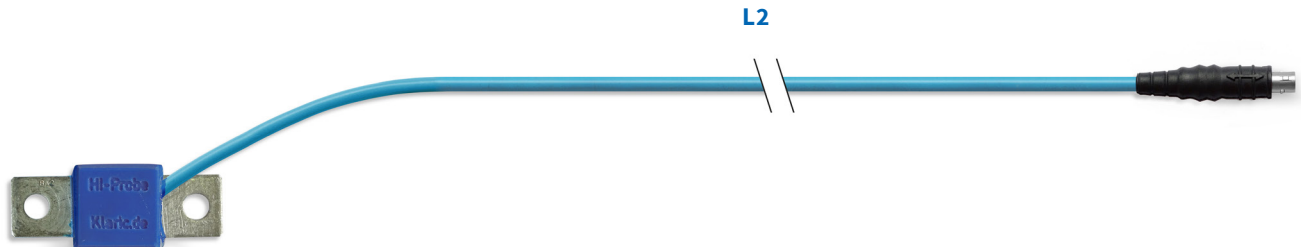


LOW VOLTAGE PROBES

HI-PROBE



HI-Probe for measuring quiescent, operating and peak currents in vehicles or on the test benches. Automatic probe identification.

Features

- For applications up to 40 A continuous current (depending on type)
- High-precision shunt based current measurement
- Quiescent, operating and peak current
- Automatic Probe identification (similar to TEDS)

Scope of delivery

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

Version

- Type: BF1, BF2, BF3
- Dimension BF1: 20/17,5/15 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)

Accessories

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

BF1 Shunt Values

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-FUSE2/ KLARI-MOD MC3/ KLARI-CORD4

** KLARI-FUSE3/ KLARI-CORD5/ KLARI-MOD MC5

LOW VOLTAGE PROBES

HI-PROBE



BF2 Shunt Values

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)

Connection of the shunts via copper bar 20x3x200 mm

* KLARI-FUSE2/ KLARI-MOD MC3/ KLARI-CORD4

** KLARI-FUSE3/ KLARI-CORD5/ KLARI-MOD MC5

BF3 Shunt Values

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

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

Connection of the shunts via copper bar 20x3x200 mm

* KLARI-FUSE2/ KLARI-MOD MC3/ KLARI-CORD4

** KLARI-FUSE3/ KLARI-CORD5/ KLARI-MOD MC5

Code for Order:

Name - Resistance - L1 - L2 - L3

HI-BFX - 0,005/.../2 - 0 - 1...5 - 0