

LOW VOLTAGE PROBES UIP

HI-PROBE



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

Features

- For applications up to 2.200 A continuous current (depending on dimension)
- High-precision shunt based current measurement
- Quiescent, operating and peak current
- Automatic Probe identification (similar to TEDS)
- Temperature range -40°C to +130°C (-40°F to 266°F)

Scope of delivery

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

Version

- Type: BF1 (MIDI Fuse), BF1+, BF2 (Mega Fuse), BF2+, BF3
- Dimension BF1: 54/10/17,5 mm (L/W/H) - M5 holes
- Dimension BF1+: 54/10/17,5 mm (L/W/H) - M5 holes
- Dimension BF2: 68/20/20,5 mm (L/W/H) - M8 holes
- Dimension BF2+: 68/20/20,5 mm (L/W/H) - M8 holes
- Dimension BF3: 84/36/20,5 mm (L/W/H) - M8 holes

Accessories

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

BF1 & BF1+ Versions

Resistance [mΩ]	Measurement range [A]	Resolution/Bit [mA]	Continuous current [A]
2	-120 / +525	0,15	60
1	-240 / +1.050	0,3	80
0,5	-480 / +2.100	0,6	120
0,2	-1.200 / +5.250	1,5	150

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

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BF2 Shunt values and measurement ranges

Resistance [mΩ]	Measurement range [A]	Resolution/Bit [mA]	Continuous current [A]
2	-120 / +525	0,15	80
1	-240 / +1.050	0,3	120
0,5	-480 / +2.100	0,6	130
0,2	-1.200 / +5.250	1,5	180
0,1	-2.400 / +10.500	3	310

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

BF2+ Shunt values and measurement ranges

Resistance [mΩ]	Measurement range [A]	Resolution/Bit [mA]	Continuous current [A]
2	-120 / +525	0,15	80
1	-240 / +1.050	0,3	120
0,5	-480 / +2.100	0,6	130
0,2	-1.200 / +5.250	1,5	180
0,1	-2.400 / +10.500	3	310
0,05	-4.800 / +21.000	6	500
0,035	-6.850 / +30.000	9	650

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

BF3 Shunt values and measurement ranges

Resistance [mΩ]	Measurement range [A]	Resolution/Bit [mA]	Continuous current [A]
0,020	-12.000 / +52.500	15	1.000
0,005	-48.000 / 210.000	60	2.200

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

Code for Order:

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