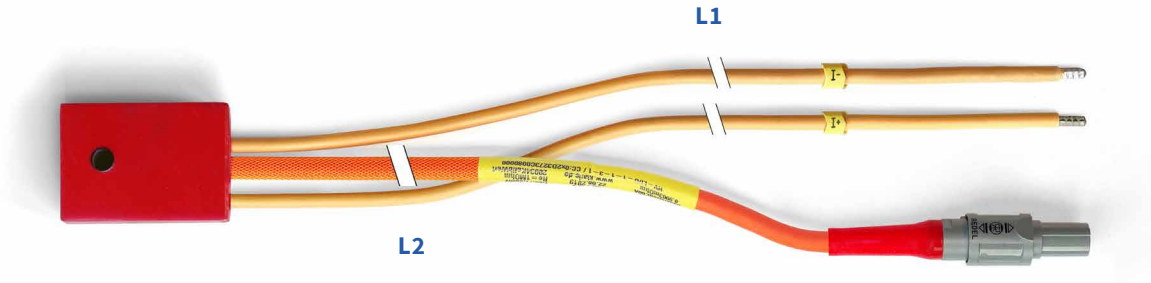
KLARIC
Individual Solutions for Measuring and Testing

HIGH VOLTAGE SENSORS

HV-LI-PROBE



For shunt-based measurement of quiescent, operating, and peak currents from nA up to A in electrical systems in vehicles or test benches. Automatic probe identification.

Features

- The measuring shunt is installed directly in the circuit
- Fuse protection of the measuring circuit is provided by the customer
- Potted housing with integrated current shunt
- For applications up to 58 A continuous current

Version

- Dimension: 54/38/16 mm (L/W/H)
- Shunt values from 1 Ω to 1 mΩ
- Resolution up to 300 nA
- Continuous currents from 1 A to 58 A

Scope of delivery

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

Accessories

- HV Probe Extension Cable

HV-LI-Probe Shunt values and measurement ranges

Resistance [mΩ]	Continuous current [A]	Cable Cross size [mm²]	Measurement range [A]	Resolution/Bit [µA]
1000	1.05	1.5	-0.24 / +1.05	0.3
500	2.1	1.5	-0.48 / +2.1	0.6
100	6.5	1.5	-2.4 / +10.5	3
50	9.5	1.5	-4.8 / +21	6
25	12	1.5	-9.6 / +42	12
10	21	4	-24 / +105	30
5	25	4	-48 / +210	60
2	40	4	-120 / +525	150
1	58	6	-240 / +1,050	300

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

Coding for order:

Name	-	Resistance	-	L1	-	L2	-	L3
HV-LI	-	1/.../1000	-	0	-	1...5	-	0

Status October 2025. All brand names or trademarks mentioned are the property of their respective owners. Errors and technical modifications excepted. V3