

## NCV-1020-EUR VOLTfix, NCV-1030-EUR VOLTfix, NCV-1040-EUR MAGNO-VOLTfix Non-Contact Voltage Probe Series

# Check voltage, find cable breaks, identify polarity, and magnetic detection

The Beha-Amprobe NCV-1000-EUR VOLTfix Non-Contact Voltage (NCV) tester series provides maximum safety and convenience for detecting AC voltage without interrupting electrical systems. Designed to conveniently fit in your shirt pocket, the NCV-1000-EUR VOLTfix series performs in indoor and outdoor settings. Safety tested to the highest category measurement, CAT IV 1000 V, as well as IP65 water and dust resistant, the NCV-1000-EUR VOLTfix series is fit for the toughest industrial applications.

Est:



NCV-1000-EUR VOLTfix Series Non-Contact Voltage Probe



Non-contact voltage detection ·····> Default: 50-1000 V High Sensitivity: 12-50 V (NCV-1030-EUR VOLTfix and NCV-1040-EUR MAGNO-VOLTfix only)

> Audible (buzzer) and visual (LED) • • voltage indication

## **Additional Features**

- IP65 rated water and dust resistant
- CAT IV 1000 V safety rated
- Low battery indication (NCV-1030-EUR VOLTfix and NCV-1040-EUR MAGNO-VOLTfix only)
- Auto power off
   (NCV-1030-EUR VOLTfix and
   NCV-1040-EUR MAGNO-VOLTfix only)

• Magnetic solenoid indication (LED) (NCV-1040-EUR MAGNO-VOLTfix only)

..... On/Off switch

• Built-in work light (NCV-1030-EUR VOLTfix and NCV-1040-EUR MAGNO-VOLTfix only)

NCV-1040-EUR MAGNO-VOLTfix Non-Contact Voltage Probe

#### Safety Certification

. **( ( )** . ( )

All Beha-Amprobe tools, including the Beha-Amprobe NCV-1000-EUR VOLTfix Series are rigorously tested for safety, accuracy, reliability, and ruggedness in our state-of-the-art test lab. In addition, Beha-Amprobe products that measure electricity are listed by a 3rd party safety lab, either UL or CSA. This system assures that Beha-Amprobe products meet or exceed safety regulations and will perform in a tough, professional environment for many years to come.

Beha-Amprobe® Division of Fluke Corp. (USA) c/o Fluke Europe BV

In den Engematten 14 79286 Glottertal, Germany Tel. +49 (0) 7684 - 8009-0 info@beha-amprobe.de beha-amprobe.de Science Park Eindhoven 5110 NL-5692 EC Son The Netherlands Tel. +31 (0) 40 267 51 00 beha-amprobe.com Beha-Amprobe 52 Huricanne Way NR6 6 JB United Kingdom info@beha-amprobe.co.uk beha-amprobe.com







Test wall sockets for AC voltage and polarity

Built-in worklight (NCV-1030-EUR Voltfix, NCV-1040-EUR MAGNO-VOLTfix)

Test wires for AC voltage for quick troubleshooting

### **Applications:**

- Detect the presence of AC voltage in cables, circuit breakers, wall sockets, junction boxes, fuses, extension cords
- **Test voltage** through wire insulation
- Identify cable breaks in wires, cords and lightning systems connected in series
- Identify polarity (line vs. neutral) of receptacles and cables
- Detect magnetic solenoid to diagnose electromagnets and relays (NCV-1040-EUR MAGNO-VOLTfix only)







## **Specifications**

| Features  | NCV-1020-EUR VOLTfix   | NCV-1030-EUR VOLTfix              | NCV-1040-EUR<br>MAGNO-VOLTfix     |
|---|--|-----------------------------------|-----------------------------------|
| Voltage detection from 50 to 1000 VAC                   | •  | •                                 | •                                 |
| NCV high sensitivity range (12 V to 50 VAC)             | -  | •                                 | •                                 |
| Audible (buzzer) and<br>visual (LED) voltage indication | •  | •                                 | •                                 |
| Magnetic solenoid detection                             | -  | -                                 | •                                 |
| On/Off switch   | •  | •                                 | •                                 |
| IP65 rated, water/dust resistant                        | •  | •                                 | •                                 |
| CAT IV 1000 V safety rated                              | •  | •                                 | •                                 |
| Built-in work light                                     | _  | •                                 | •                                 |
| Low battery indication                                  | _  | •                                 | •                                 |
| Auto power off  | _  | •                                 | •                                 |
|   |  |                                   |                                   |
| Detailed Specifications                                 |  |                                   |                                   |
| Operating Voltage Range                                 | 50-1000 VAC, 50-400 Hz   | 12-50 VAC, 50-1000 VAC, 50-400 Hz | 12-50 VAC, 50-1000 VAC, 50-400 Hz |
| Voltage Indication                                      | Bright red LED, buzzer   |                                   |                                   |
| Magnetic Field Indication                               | -  | -                                 | Yellow LED                        |
| Detection of Magnetic Field                             | -  | -                                 | >2.5 mT                           |
| Detection   | indicates at approximately 5mm (0.2 in) distance from a wire carrying 230 VAC  |                                   |                                   |
| Temperature Range                                       | 0 °C to 40 °C (32 °F to 104 °F), ≤ 80% RH  |                                   |                                   |
| Storage Conditions                                      | -10 °C to 40 °C (14 °F to 104 °F), ≤ 85% RH  |                                   |                                   |
| Operating Altitude                                      | ≤ 2000 m (6561 ft)   |                                   |                                   |
| Power Supply  | 2x 1.5 V LR03 AAA batteries  |                                   |                                   |
| Duty Cycle  | Continuous   |                                   |                                   |
| Current Consumption                                     | Approx. 80 mA  |                                   |                                   |
| Dimensions (L x W x H)                                  | 156.2 x 23.5 x 27.5 mm (6.14 x 0.92 x 1.08 in)   |                                   |                                   |
| Weight (with batteries installed)                       | Approx. 58 g (0.12 lb)   | Approx. 60 g (0.13 lb)            | Approx. 62 g (0.133 lb)           |
| Safety Compliance                                       | IEC 61010-1 3rd Ed., UL61010-1 2nd Ed. and<br>CAN/CSA-C22.2 No. 61010-1-04 +Update No. 1:2008 to CAT IV 1000 V, Pollution degree 2, IP65 |                                   |                                   |
| EMC Compliance  | IEC 61326-1  |                                   |                                   |
| Certifications  | . <b>®</b> :₅ C € ▲ 1%   |                                   |                                   |

#### Included: 2 x 1.5 V Batteries (installed), User Manual

**Beha-Amprobe®** Division of Fluke Corp. (USA) c/o Fluke Europe BV 
 In den Engematten 14
 Science Park Eindhoven

 79286 Glottertal, Germany
 5110 NL-5692 EC Son

 Tel. +49 (0) 7684 - 8009-0
 The Netherlands

 info@beha-amprobe.de
 Tel. +31 (0) 40 267 51 00

 beha-amprobe.de
 beha-amprobe.com

Beha-Amprobe 52 Huricanne Way NR6 6 JB United Kingdom e-mail: info@beha-amprobe.co.uk beha-amprobe.com