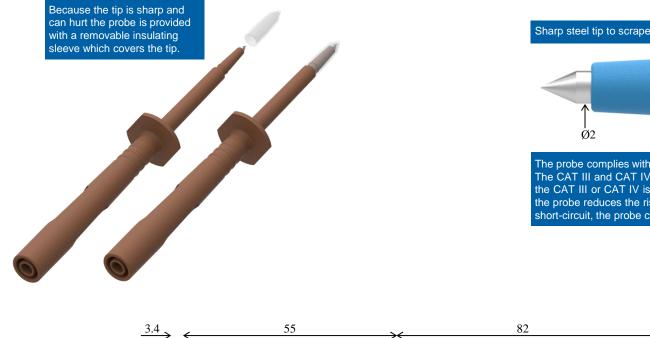


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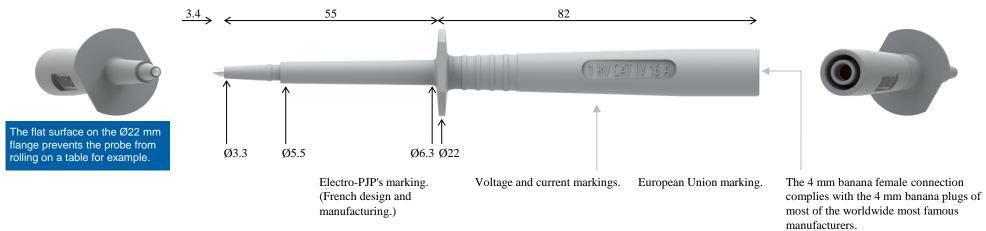
Designation: Sharp Steel Tip Probe Body w/ 4 mm Banana (female) Jack.

Applications: to measure voltages up to 1000 V CAT IV on contacts which are small, difficult to access, remote, coated with oxidation, paint, dust, enamel, ...





The probe complies with the CAT III and CAT IV (and CAT II) environments. The CAT III and CAT IV include higher electric energy than the CAT II so any short-circuit in the CAT III or CAT IV is very hazardous. But because of the low length of its conductive tip, the probe reduces the risk of short-circuits between electric potentials. By reducing the risk of short-circuit, the probe complies with the CAT III and CAT IV environments.





DATA SHEET (page 2 of 2).

GLOSSARY: ACCESSIBLE. Able to be touched with a standard test finger or test pin.

BASIC INSULATION. Insulation of HAZARDOUS LIVE parts which

CAT II. Measurement or overvoltage category II. For measurement performed on / equipment connected to the building wiring

CAT III. Measurement or overvoltage category III. For measurement performed on / equipment connected to part of a building wiring installation

provides basic protection

Designation: Sharp Steel Tip Probe Body w/ 4 mm Banana (female) Jack.

Electrical safety According to EN / IEC 61010-031:2015+A1:2018, 2000 V CAT II / 1500 V CAT III / 1000 V CAT IV, reinforced insulation, 16 A (at +40 °C).

Protection against the spread

Colors

REINFORCED INSULATION, Insulation which provides protection against electric shock not less than that provided by DOUBLE INSULATION.

"RoHS" European Directive 2011/65/EII on the restriction of the use of certain hazardous substances in electrical and electronic equipment

SOLID INSULATION. Insulating materials

SUPPLEMENTARY INSULATION. Independent insulation applied in addition to BASIC INSULATION in order to provide protection against electric shock in the event of a failure of BASIC INSULATION.

TRANSIENT OVERVOLTAGE. Short duration overvoltage of a few nilliseconds or less, oscillatory or non-oscillatory, usually highly damped.

WORKING VOLTAGE. Highest r.m.s. value of the a.c. or d.c. voltage across any particular insulation which can occur when the equipment is

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