



# FEV-CON-TSL

## Test Plug For Tesla™ Station

### *Safety Information*

#### **Introduction**

The FEV-CON-TSL (the Product) is high-quality accessory to test the function and safety of charging equipment for electric vehicles. This accessory is for use with with the Fluke FEV100 EV Charging adapter. Tesla™ is a registered trademark of Tesla, Inc.

#### **Safety Information**

A **Warning** identifies conditions and procedures that are dangerous to the user. A **Caution** identifies conditions and procedures that can cause damage to the Product or the equipment under test.

##### **⚠ ⚠ Warning**

To prevent the possibility of electric shock or personal injury:

- Read all safety information before you use the Product.
- Do not alter the Product and use only as specified, or the protection supplied by the Product can be compromised.
- Carefully read all instructions.
- Do not use the Product if it operates incorrectly.
- Do not touch voltages >30 V ac rms, 42 V ac peak, or 60 V dc.
- Limit operation to the specified measurement category, voltage, or amperage ratings.
- Do not exceed the Measurement Category (CAT) rating of the lowest-rated individual component of a Product, probe, or accessory.
- Comply with local and national safety codes. Use personal protective equipment (approved rubber gloves, face protection, and flame-resistant clothes) to prevent shock and arc blast injury where hazardous live

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Specifications are subject to change without notice.

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conductors are exposed.

- Remove the input signal before you clean the Product.
- Do not use cable assembly if they are damaged. Examine the cable assembly for damaged insulation, exposed metal. Check cable assembly continuity.
- Measure a known voltage first to make sure that the Product operates correctly.
- Do not use the Product around explosive gas, vapor, or in damp or wet environments.
- Do not use the Product if it is altered or damaged.
- Do not use cable assembly if there is damage. Examine the cable assembly for damaged insulation and measure a known voltage.
- Only connect the Product to the instrument and the charging stations as indicated in the Specification section.
- Use the Product within the operating range only. The operating range is specified in the Specification section.

## ***Symbols***

| Symbol                                                                              | Description                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | WARNING. RISK OF DANGER.                                                                                                                                                                                                                                                                                                                                         |
|   | WARNING. HAZARDOUS VOLTAGE.<br>Risk of electric shock.                                                                                                                                                                                                                                                                                                           |
|  | Consult user documentation.                                                                                                                                                                                                                                                                                                                                      |
| <b>CAT II</b>                                                                       | Measurement Category II is applicable to test and measuring circuits connected directly to utilization points (socket outlets and similar points) of the low-voltage MAINS installation.                                                                                                                                                                         |
|  | This product complies with the WEEE Directive and its marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Do not dispose of this product as unsorted municipal waste. For information about take-back and recycling programs available in your country, see the website. |

## ***Product Disposal***

Dispose of the Product in a professional and environmentally appropriate manner:

- Delete personal data on the Product before disposal.
- Put the Product in the electrical waste.

### ***Transport and Storage***

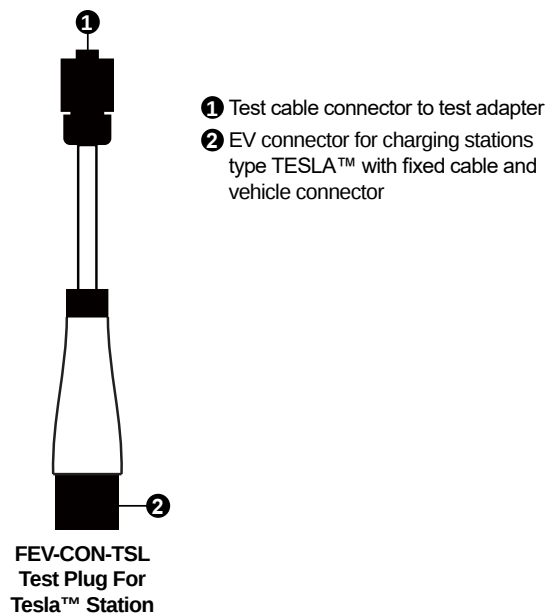
Please keep the original packaging for future transport (for example, if calibration is necessary). Any transport damage due to faulty packaging will be excluded from warranty claims.

The accessory must be stored in dry, closed areas. In case of an accessory being transported in extreme temperatures, a minimum recovery time of 2 hours is required prior to any operation.

### ***Available Versions***

- FEV-CON-TSL Test Plug For Tesla™ Station

### ***Operation Elements and Connectors***



**How To Test**

For operation please refer to instruction manual of the Fluke FEV100.

**Maintenance**

When using the test adapter in compliance with the user manual, no special maintenance is required. However, should functional errors occur during normal operation, the after-sales service will repair your instrument. Please contact the local service office.

**Cleaning**

**⚠⚠ Warning**

- **Remove all input signals and measurement circuits before you clean the Product.**
- **Never use acid-based detergents or solvent liquids for cleaning.**
- **After cleaning, do not use the Product until the Product is dried completely.**

To clean the Product, use a wet cloth and a mild household detergent.

**Specifications**

**General Features**

|                                 |                                                     |
|---------------------------------|-----------------------------------------------------|
| Safety .....                    | IEC 61010-1, IEC 61010-2-030,<br>pollution degree 2 |
| Ratings .....                   | CAT II 250 V, max 1000 mA                           |
| Operating temperature.....      | -20 °C to 40 °C (-4 °F to 104 °F)                   |
| Storage temperature .....       | -20 °C to 50 °C (-4 °F to 122 °F)                   |
| Operating humidity range.....   | 10 % to 85 % relative humidity<br>non-condensing    |
| Storage relative humidity ..... | 0 % to 85 % non-condensing                          |
| Operating altitude.....         | 2000 m (6561 ft) max.                               |
| Length .....                    | Approx. 590 mm (23.2 in)<br>including connectors    |
| Weight .....                    | Approx. 550 g (1.2 lb)                              |

#### **LIMITED WARRANTY AND LIMITATION OF LIABILITY**

Each Fluke product is warranted to be free from defects in material and workmanship under normal use and service. The warranty period is one year and begins on the date of shipment. Parts, product repairs, and services are warranted for 90 days. This warranty extends only to the original buyer or end-user customer of a Fluke authorized reseller, and does not apply to fuses, disposable batteries, or to any product which, in Fluke's opinion, has been misused, altered, neglected, contaminated, or damaged by accident or abnormal conditions of operation or handling. Fluke warrants that software will operate substantially in accordance with its functional specifications for 90 days and that it has been properly recorded on non-defective media. Fluke does not warrant that software will be error free or operate without interruption.

Fluke authorized resellers shall extend this warranty on new and unused products to end-user customers only but have no authority to extend a greater or different warranty on behalf of Fluke. Warranty support is available only if product is purchased through a Fluke authorized sales outlet or Buyer has paid the applicable international price. Fluke reserves the right to invoice Buyer for importation costs of repair/replacement parts when product purchased in one country is submitted for repair in another country.

Fluke's warranty obligation is limited, at Fluke's option, to refund of the purchase price, free of charge repair, or replacement of a defective product which is returned to a Fluke authorized service center within the warranty period.

To obtain warranty service, contact your nearest Fluke authorized service center to obtain return authorization information, then send the product to that service center, with a description of the difficulty, postage and insurance prepaid (FOB Destination). Fluke assumes no risk for damage in transit. Following warranty repair, the product will be returned to Buyer, transportation prepaid (FOB Destination). If Fluke determines that failure was caused by neglect, misuse, contamination, alteration, accident, or abnormal condition of operation or handling, including overvoltage failures caused by use outside the product's specified rating, or normal wear and tear of mechanical components, Fluke will provide an estimate of repair costs and obtain authorization before commencing the work. Following repair, the product will be returned to the Buyer transportation prepaid and the Buyer will be billed for the repair and return transportation charges (FOB Shipping Point).

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