

Safety Instructions

HV IEPE3 ECAT TBM Series | Type FL100



General Safety Instructions

Please observe the following safety instructions and signs provided with the measurement modules as well as the safety-specific information in the accompanying technical documentation.

WARNING!	
	HV IEPE3 FL100 measurement modules are used in high-voltage applications. Improper use may result in life-threatening electrical shocks. ☞ Only use qualified and trained personnel (observe local guidelines/regulations). ☞ Do not modify the HV measurement module in any way, neither electrically nor mechanically. ☞ Do not open the module housing under any circumstances. ☞ Observe safety instructions.
i	The housing of an HV IEPE3 FL100 can be connected to the vehicle's potential equalization or protective earth (PE) as an additional safety measure in order to have the device controlled by the leakage monitor.

- ▶ Only use qualified and trained personnel for handling HV IEPE3 FL100 devices.
- ▶ Make sure that HV IEPE3 FL100 are only operated within an operating temperature range of -40 °C to +85 °C and at a relative humidity of max. 95 % (non-condensing).
- ▶ To ensure operational safety, an isolation test in accordance with the latest edition of EN 61010 has to be carried out on an HV IEPE3 FL100 at least once per year.
- ▶ When operating HV IEPE3 FL100 devices, use only sensor cables that meet the relevant requirements.
- ▶ The entire documentation that has been delivered with an HV IEPE3 FL100 has to be read thoroughly before initial operation. The operating personnel has to be instructed accordingly. Please contact CSM GmbH with any further questions.



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