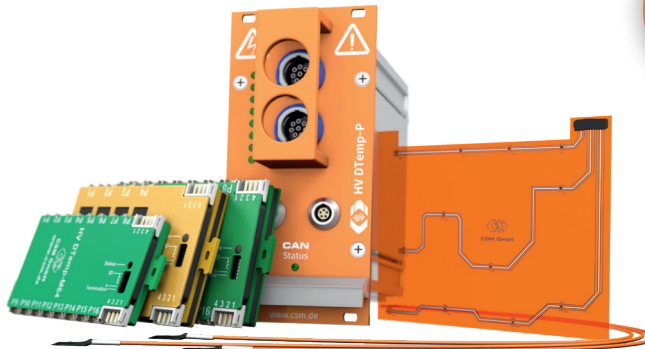


Safety Instructions

HV DTemp Measurement System



General safety instructions

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

WARNING!	
	HV DTemp measurement systems are used in high-voltage applications. Working under voltage (e.g. in HV batteries) and the improper handling of the HV measurement system entail the risk of life-threatening electrical shocks. ☞ Only use qualified and trained personnel (observe local guidelines/regulations). ☞ Observe safety instructions.
	The HV DTemp-P Central Unit has to be connected to the vehicle's potential equalization or protective earth (PE) in order to ensure user safety. In the event of a fault, there is danger to life due to high-voltage potential if this connection is not established. ☞ Connect the HV DTemp-P Central Unit to the vehicle's potential equalization or PE using a suitable ground cable. ☞ Only use qualified and trained personnel.

- ▶ Only use qualified and trained personnel for handling HV DTemp measurement systems.
- ▶ Make sure that HV DTemp measurement systems are only operated within the specified operating temperature range.
- ▶ Only use cables approved by CSM for operating HV DTemp measurement systems.
- ▶ To ensure the operational safety of an HV DTemp measurement system (HV DTemp-P Central Unit and M-Controller type i/type i pro) an isolation test in accordance with the latest edition of EN 61010 must be carried out at least once a year.

Before putting high-voltage measurement systems into operation

- ▶ A ground cable with a sufficiently large cross-section (not included in the scope of delivery) has to be used to connect the HV DTemp-P central unit to the vehicle's potential equalization or the protective earth (PE). The ground cable is to be connected to the HV DTemp-P central unit via the M6 threaded hole in the housing. Make sure that the HV DTemp measurement system is correctly connected to the vehicle's potential equalization or the protective earth (PE) before commissioning.
- ▶ The entire documentation delivered with the HV DTemp measurement system 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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