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PRESS RELEASE – For Immediate Release

Future-Proof Temperature Measurement in High-Voltage Environments

imc Test & Measurement Launches New Measurement Module for Safe and Precise Thermocouple Monitoring Up to 1400 V

Berlin (Germany), August 4, 2025 - Axiometrix Solutions, a global leader in test and measurement, announces the launch of the **CANSASflex HISO-T-8-2L from the imc Test & Measurement brand**. This new high-isolation CAN-Bus-based measurement module is designed to meet the growing demands of temperature monitoring in high-voltage (HV) environments, particularly in cutting-edge **e-mobility** applications.

As battery systems in electric vehicles advance beyond 800V to achieve shorter charging times, **test and measurement engineers in automotive R&D, battery system development, and test institutes** require robust, future-proof solutions. The **imc CANSASflex HISO-T-8-2L empowers engineers to face today's and tomorrow's testing challenges** of EV batteries, **offering industry-leading safety isolation of up to 1400V, superior precision, and seamless integration into modern testing environments.**

Key Highlights:

- 8 thermocouple channels via industry-standard LEMO.2P Redel connectors
- Four Type K thermocouples per Redel connector
- High safety isolation: of up to 1400 Vdc with even 8 kV peak and 4.4 kV rms test voltages
- Exceptional accuracy for monitoring critical battery temperatures
- Cable-free “click-in” design as part of the proven CANSASflex (CANFX) data acquisition system series
- Rack-ready: Integrates smoothly into 19” test stand systems

Replacing its predecessor in the CANSASflex series, the new HISO-T-8-2L sets a **new benchmark in safety, accuracy, and convenience**. By **futureproofing isolation levels**, the new **HISO-T-8-2L** is the ideal data acquisition (DAQ) solution in high-voltage environments.

Whether testing **DC power links, HV batteries, or complete electric drive systems**, the HISO-T-8-2L ensures engineers can capture critical temperature data **with confidence, precision, and safety**.

For further information on the product, please visit <https://info.imc-tm.com/new-cansas-module-for-1400v>

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The following images are included with this press release:

Fig. 1: Industry-leading safety isolation, superior precision, and seamless integration for e-mobility R&D with the **imc CANSASflex HISO-T-8-2L** temperature measurement module.

Fig. 2: imc CANSASflex HISO-T8-2L

About imc Test & Measurement GmbH

imc Test & Measurement (Berlin) manufactures innovative solutions for test and measurement in research, development, service and production.

It caters to customers in automotive and mechanical engineering and in the railway, aerospace and energy industry worldwide. imc sensors, data acquisition systems and software as well as its integrated solutions enable its users to validate prototypes, optimize products, monitor processes and to gain insights from measurement data in mobile or in stationary applications.

imc Test & Measurement is part of Axiometrix Solutions, a leading test solutions provider comprised of globally-recognized measurement brands, including Audio Precision and GRAS Sound & Vibration.