
INNOVATIVE SENSOR TECHNOLOGY IST AG



INNOVATION PRESENTÉE : Cable lug for EV charging connector

DESCRIPTIF : The sensor-integrated cable lug is designed for EV charging connectors and integrates the sensor directly at the measurement point through overmolding with integrated electrical insulation. By combining optimal thermal coupling, electrical insulation, and mechanical protection, it offers a compact and innovative solution for high-performance applications. The direct integration of the sensor into the component enables simple and reliable assembly while supporting easy maintenance and replacement through separate sensor and connection technology.

**TYPE / EXEMPLE
D'APPLICATION :** Ideal for e-mobility applications such as E-mobility (HV / LV), battery modules, power electronics / inverters, busbars and power rails, motor control units and connectors and adapters

ILLUSTRATION :



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EN LIGNE :** 28-09-2026