



HIGH PRECISION CURRENT MEASUREMENT SYSTEM



ICD-A // COMPACT CURRENT SENSING

ISAscale® shunt-based current sensor for automotive applications

Introduction

- Current range up to ±500 A
- 16-bit analog-digital converter
- Communication based on CANbus 2.0
- CANbus data base container (DBC) available
- Outputrate: 1 KHz



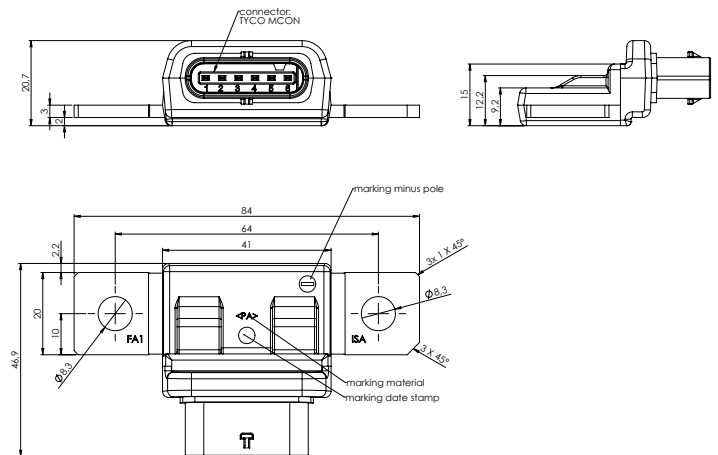
Applications

- UPS systems
- Energy storage systems
- Battery applications
- Fuel cells

Features

- Compact
- CANbus 2.0
- Measurement of own current consumption
- Sleep mode

Dimensions [mm]



Technical data

Description				Unit
Measurement range	±100	±300	±500	A
Resolution		1		mA
Initial accuracy		±0.1		% of reading
Total accuracy		±0.5		% of reading
Operation temperature		-40...+105		°C