



LEM Sensor Board for X-IN-1 Electrification Applications

XIN1-FB-LEM **NEW**

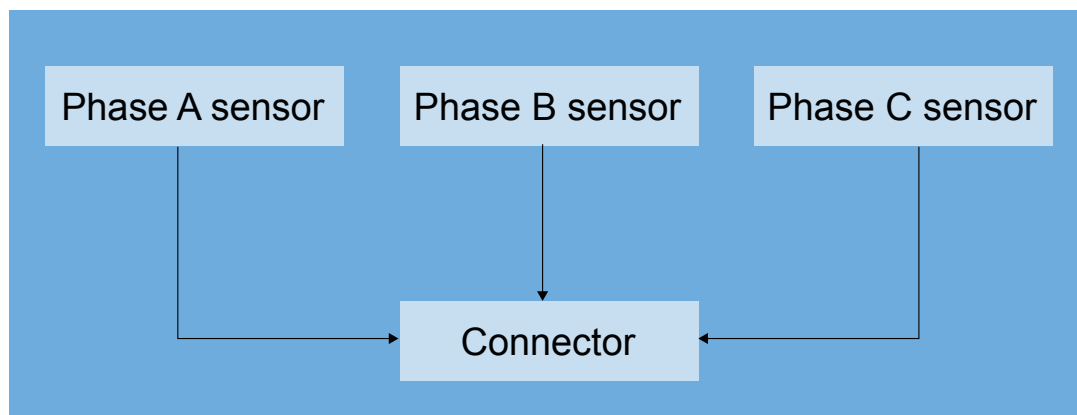
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The LEM current sensing board provides accurate and reliable current measurement for automotive and industrial applications. It integrates three open-loop Hall effect current sensors supporting bidirectional current sensing up to ± 100 A. The solution enables galvanically isolated current measurement, ensuring safety and robustness in high-power systems. Each channel delivers a single-ended analog output centered at 2.5 V, optimized for direct connection to standard ADC inputs, enabling seamless integration with control and monitoring systems.

LEM Sensor Board for X-IN-1 Applications Block Diagram



View additional information for [LEM Sensor Board for X-IN-1 Electrification Applications](#).

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