ScopeCorder High-Voltage Isolation & Automotive DAQ Solution

**IN-VEHICLE TESTING**
- ECU: Contactless Engine
- Battery
- Electrical System
- AC Voltage
- DC Current
- Temp.
- Acceleration
- Torque

**SENT SIGNAL DECODE**
- Calibration Pulse
- Status/Comm
- Data 1
- Data 2
- Data 3

**HIGH SPEED**
Observe high-speed behaviors with 20 MHz instantaneous bandwidth on up to 1000 V RMS input signals.

**HIGH VOLTAGE**
IsoPro Isolation from Yokogawa enables isolation at high sample rates and high data transfer speeds, while rejecting common mode noise.

**MODEL 720211**
High-speed 100 MS/s Isolation Module

**MODEL 720243**
SENT Monitoring Module

**MODEL 720254**
4 Channel Isolation Module

**SERIAL BUS RECORDING**
Decode the digital data transmitted in CAN, LIN, or SENT buses and plot the values exactly like oscilloscope channels with cursors, zoom, and real-time math features available. Compare digital control signals to actual responses.

*See Figure 1

**SENT ANALYSIS**
SAE J2716 is an automotive protocol designed for transmitting high resolution data from sensor to controller at a low cost. Data is transmitted as nibbles, 4 bits, in the Fast Channel format or Slow Channel format.

*See Figure 1

**HIGH CHANNEL COUNT**
Having more input channels lets you correlate more signals at the same time. When all channels are in a single instrument, data collection and analysis is simplified.

**HIGH RESOLUTION**
Vertical resolution indicates the number of bits available for storing each sample and determines the minimum measurable voltage change.

Other input modules connect directly to sensors to create a comprehensive data acquisition system.