

CAN Newsletter Online

INTERFACING CAN

Extended CAN connection options

Kvaser introduced the T-Connector Expansion L CAN hub with up to eight 9-pin D-Sub socket connectors. The company also equipped its U100 interface with M12, J1939, and OBDII connectors.



Two T-connector v2 base units can be daisy-chained to give eight socket connectors in total (Source: Kvaser)

The CAN hub consists of a T-connector v2 (base unit) and a T-connector L (extension unit). An adjustable CAN termination load (connecting an optional resistor of 120 Ohm or 60 Ohm) is provided by the base unit. This enables CAN termination when using the company's interfaces on a development board. Powering (12 V_{DC} to 24 V_{DC}) of the manufacturer's devices without internal power is possible as well. The package includes the base unit with three socket connectors, one plug connector, and a selectable termination switch. The extension unit has three plus one sockets and a plug connector to connect to the base unit. Two base units can be daisy-chained to give eight socket connectors in total. Each

connector has screws to secure the connection to a CAN interface. An LED to indicate the power-on status is available on the base unit.



The introduced connectors enable to use the U100 CAN-(FD)-to-USB interface in automotive, heavy-duty, maritime, and industrial applications (Source: Kvaser)

Kvaser also announced that the U100 CAN-(FD)-to-USB single-channel interface is available with application-specific connectors. The U100-X1 variant provides a 9-pin J1939-13 Type II CAN connector. The U100-X2 connects to CAN via a 5-pin M12 connector, and the U100-X3 has a 16-pin OBDII plug. The interface features an IP67 protection for rugged applications. Intuitive operation is possible due to the integrated LED display.

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