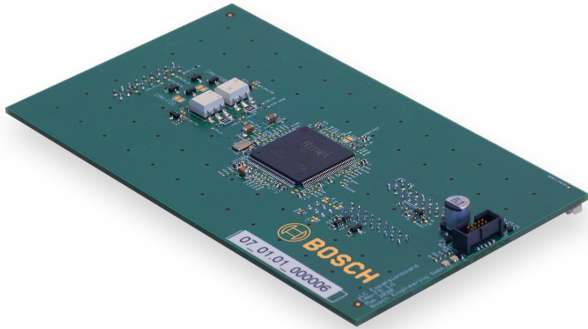


# Expansion Board CAN-FD



- ▶ 2 independent channels
- ▶ Compatible with CAN and CAN-FD
- ▶ Switchable termination resistor

The **Expansion Board CAN-FD** extends the functions of the **μLC Test System** without intervening in the software and without additional enabling mechanisms. The card has two channels that are compatible with classic CAN as well as with CAN-FD. For CAN-FD, data bit rates of up to 5 Mbit/s are supported.

- Adjustable bit rates and sample points with optional Transmission Delay compensation for high bit rates
- Direct import of dbc and Fibex files
- Short circuit proof

## Technical Specifications

| Parameter             | Value |
|-----------------------|-------|
| $U_{\text{Bus,prot}}$ | ±56 V |
| $U_{\text{CM}}$       | ±30 V |

| Parameter         | Value   |
|-------------------|---------|
| $R_{\text{Term}}$ | 120 Ohm |

| Parameter               | Value                                 |
|-------------------------|---------------------------------------|
| Max. data rate (CAN)    | 1 Mbit/s                              |
| Max. data rate (CAN-FD) | 5 Mbit/s                              |
| Filter                  | Range-Filter for 11bit- and 29bit-IDs |
| Resolution timestamp    | 1 ms                                  |
| Adjustable cycle times  | 1 ms - 65 s                           |

## Ordering Information

**Expansion Board CAN-FD**  
Order number **F02U.V03.095-01**

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