

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_{CM}	±30 V

Parameter	Value
R_{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**

Represented by:

Europe:
Bosch Engineering GmbH
Motorsport
Robert-Bosch-Allee 1
74232 Abstatt
Germany
Tel.: +49 7062 911 9101
Fax: +49 7062 911 79104
motorsport@bosch.com
www.bosch-motorsport.de

North America:
Bosch Engineering North America
Motorsport
38000 Hills Tech Drive
Farmington Hills, MI 48331-3417
United States of America
Tel.: +1 248 876 2977
Fax: +1 248 876 7373
motorsport@bosch.com
www.bosch-motorsport.com

Asia-Pacific:
Bosch Engineering Japan K.K.
Motorsport
18F Queen's Tower C, 2-3-5 Minato
Mirai Nishi-ku, Yokohama-shi
Kanagawa 220-6218
Japan
Tel.: +81 45 650 5610
Fax: +81 45 650 5611
www.bosch-motorsport.jp

Australia, New Zealand and South Africa:
Robert Bosch Pty. Ltd
Motorsport
1555 Centre Road
Clayton, Victoria, 3168
Australia
Tel.: +61 (3) 9541 3901
motor.sport@au.bosch.com