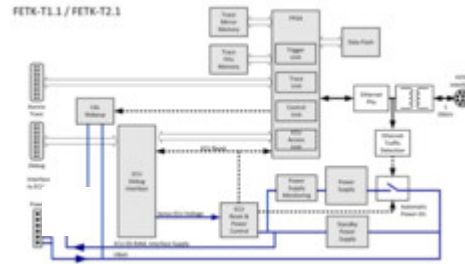


# FETK-T5.0 – Fast ECU Interfaces



## CPU interface

Supported processors

NXP S32

For a complete list of supported microprocessors, please refer to the product's User's Guide.

Configuration

Project-specific configuration for memory configurations stored in EEPROM

## Board

Dimensions (LxWxH)

60 x 45,25 x 12<sup>1</sup> mm / 2,362 x 1,781 x 0,472<sup>1</sup> in  
 60 x 45,25 x 14,9<sup>2</sup> mm / 2,362 x 1,781 x 0,587<sup>2</sup> in

(Note 1: Height does not include an adapter connector)  
 (Note 2: Height includes a cable ETAM2 mounted at the CON2 connector)

## Power supply

Input voltage

6,6 V to 32 V

Cranking voltage < 3 sec: 3V

Input current at 12 V    Approx. 210 mA normal operation

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Approx. 78 mA normal standby

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Approx. 3 mA deep standby

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Memory emulation

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Emulation memory    Processor specific

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Measured data  
memory                  Processor specific

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Host interface

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Connection            1 Gbit/s Ethernet

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Cable length            max. 30 m/100 ft

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Ethernet interface    DC decoupling

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Operation temperature

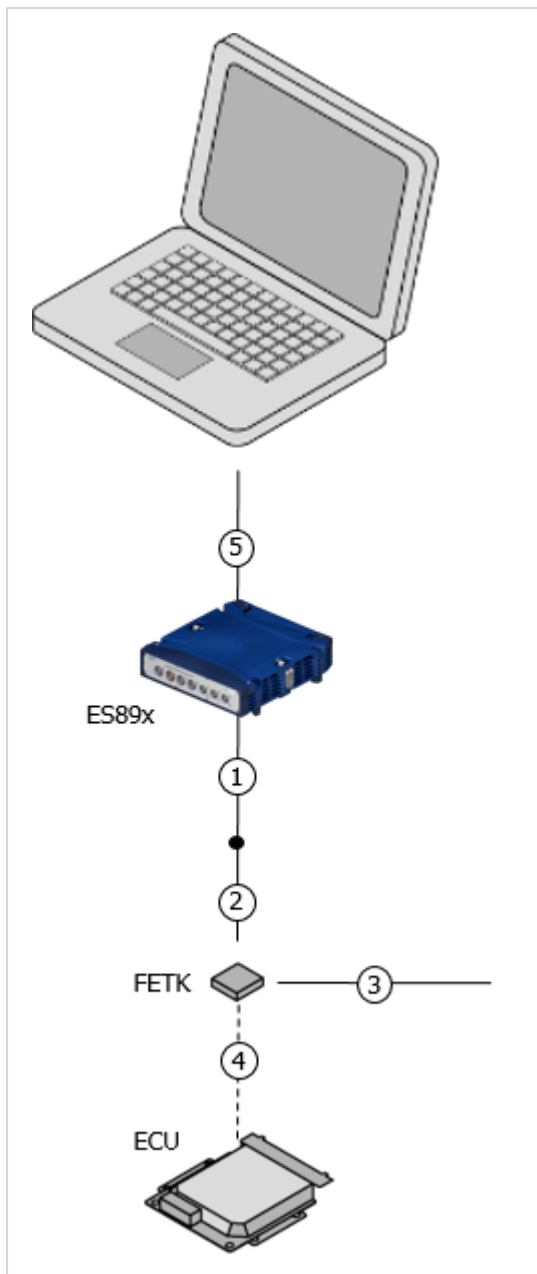
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Temperature range    -40 °C to +110 °C / -40 °F to +230 °F

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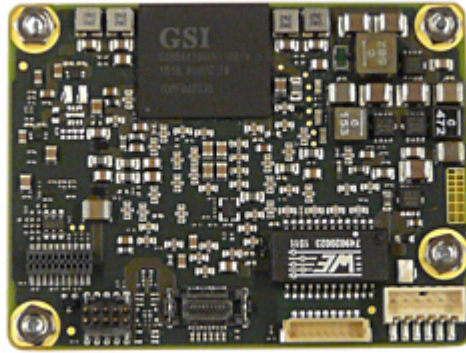
This product has been developed and released for use in automotive applications. For usage in other domains please contact your ETAS representative.

## Ordering Information



- 1 – ES89x Interface Cable
- 2 – ECU Adapter Cables
- 3 – Power Supply Cables
- 4 – FETK - ECU Adapter
- 5 – Ethernet PC Connection

Order Name	Short Name	Order Number
FETK-T5.0A		
Emulator Probe for the NXP S32 microcontroller family, ECU adaption via 10 pin SAMTEC, 20 pin SAMTEC and 6 pin MOLEX plug, with further adapter	FETK-T5.0A	F-00K-113-728

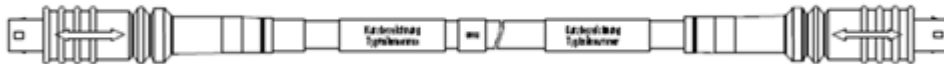



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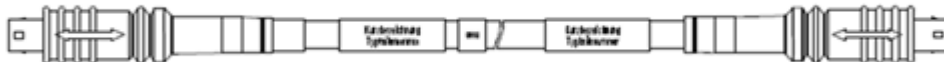
Optional Accessories

**1 - ES89x Interface Cable**

1 GBit/s Ethernet Connection and Power Supply Cable, Lemo 1B FGM - Lemo 1B FGH (10fc-10mc), 3 m CBE260.1-3 F-00K-109-446



1 GBit/s Ethernet Connection and Power Supply Cable, Lemo 1B FGM - Lemo 1B FGH (10fc-10mc), 8 m CBE260.1-8 F-00K-109-447



**2 - ECU Adapter Cable**

FETK ECU Adapter Cable, pre-assembled into PG9 screwing, shield on ECU Housing, Lemo 1B PHM - JST SHR (10mc-9fc), 0m60 CBAM300.3-0m6 F-00K-112-469



FETK ECU Adapter Cable, shield on ECU-Housing, Lemo 1B PHM - JST SHR (10mc-9fc), 0m60 CBAM340.1-0m6 F-00K-109-302



**2&3 - Combined ECU Adapter and Power Supply Cable**

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FETK ECU Adapter and Power Supply Cable, pre-assembled into PG9 screwing, shield on ECU-Housing, Lemo 1B PHM - JST SHR (10mc-9fc) / Lemo 0B PHG - open wire (2fc-1c), 0m60

CBAM305.1-0m6 F-00K-109-297

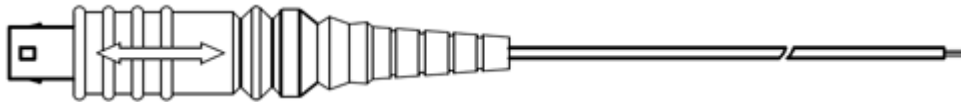


### 3 - Power Supply Cables

External Power Supply Cable for ETKs, Lemo 0B - FGG open wires (2fc-1c), 2 m

K70.1

F-00K-109-270



ETK Power Supply Cable for External Supply, with Filter Coil, Lemo 0B EGG - open wire (2fc-1c), 0m2

KA50

F-00K-000-940



### 4 - FETK - ECU Adapter

ETAM2 ETK ECU Adapter, MOLEX - open wires (6fc - 6c), 0m25

ETAM2

F-00K-109-306



ETAM4 FETK Trace ECU Adapter, SAMTEC SSH - SAMTEC STH (20fc - 20mc), 0m17

ETAM4

F-00K-109-979

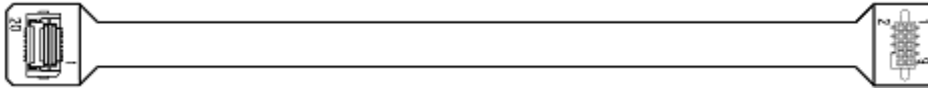


ETAM5 FETK ECU Adapter, MOLEX - MOLEX (6fc - 5fc+1c), 0m136

ETAM5

F-00K-110-101





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## 5 – Ethernet PC Connection

Further information on the Ethernet PC Connection, can be found on the [cable page Ethernet Connection](#).

