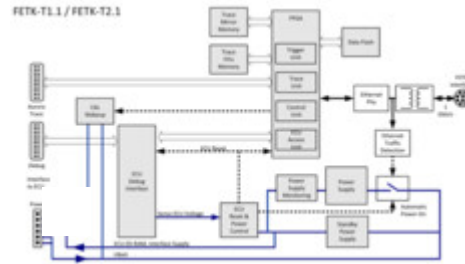


FETK-T5.0 – Fast ECU Interfaces



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 12¹ mm / 2,362 x 1,781 x 0,472¹ in
 60 x 45,25 x 14,9² mm / 2,362 x 1,781 x 0,587² 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

Approx. 78 mA normal standby

Approx. 3 mA deep standby

Memory emulation

Emulation memory Processor specific

Measured data
memory Processor specific

Host interface

Connection 1 Gbit/s Ethernet

Cable length max. 30 m/100 ft

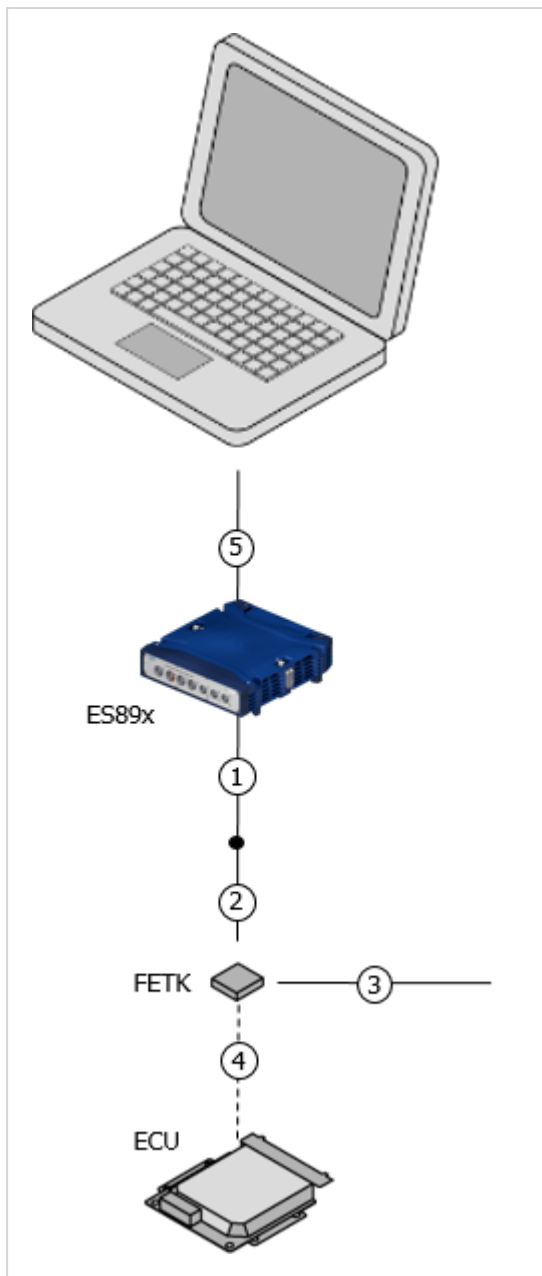
Ethernet interface DC decoupling

Operation temperature

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

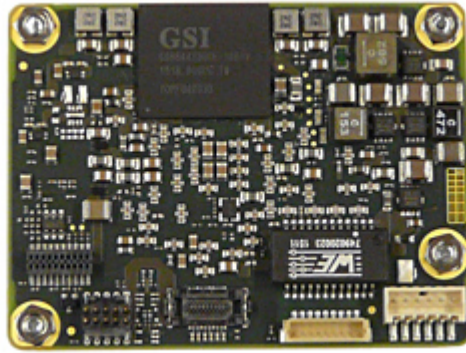
This product has been developed and released for use in automotive applications. For usage in other domains please contact your ETAS representative.

Ordering Information



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

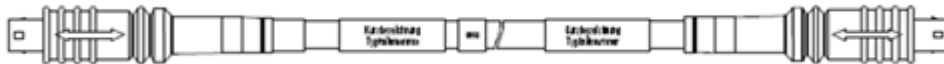
Order Name	Short Name	Order Number
FETK-T5.0A		
Emulator Probe for the NXP S32 microcontroller family, ECU adaption via 10 pin SAMTEC, 20 pin SAMTEC and 6 pin MOLEX plug, with further adapter	FETK-T5.0A	F-00K-113-728



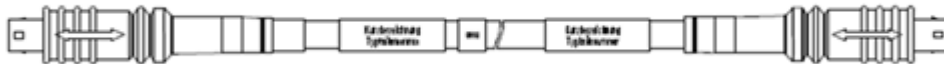
Optional Accessories

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

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

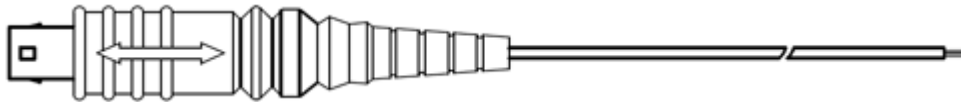


3 - Power Supply Cables

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

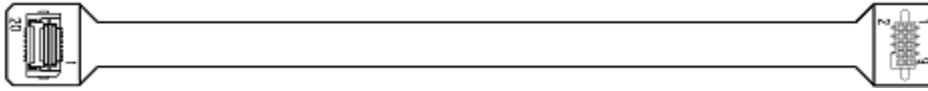


ETAM5 FETK ECU Adapter, MOLEX - MOLEX (6fc - 5fc+1c), 0m136

ETAM5

F-00K-110-101





5 – Ethernet PC Connection

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

