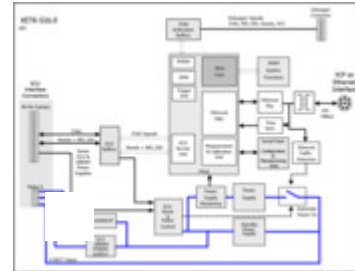


## XETK-S16.0



### CPU interface

Supported processors	Infineon Traveo / Traveo II NXP S32
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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
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### Board

Dimensions (HxWxD)	approx. 10.51 x 40 x 60 mm / 0.414 x 1.575 x 2.362 in
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### Power supply

Input voltage	6 V to 36 V
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Cranking voltage < 3 sec: 3 V

Input current at 12 V	approx. 165 mA normal operation
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approx. 70 mA stand-by

### 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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Serial interface        100 Mbit/s

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Double-shielded line, max. 30 m/100 ft

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Electrically isolated

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Operation temperature

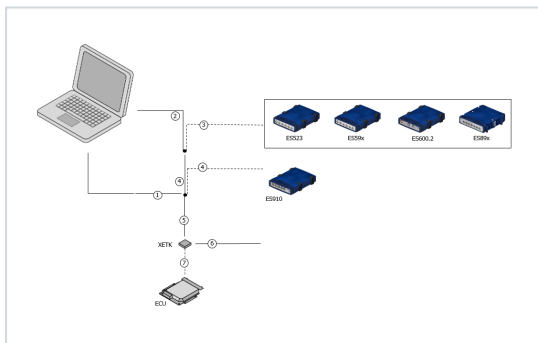
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Temperature range    -40 °C to +110 °C / -40 °F to +230 °F

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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 – Ethernet PC Connection
- 2 – Ethernet PC Connection - Adapter Cable
- 3 – Ethernet Connection - Adapter Cable
- 4 – Ethernet Connection
- 5 – XETK Connection
- 6 – Power Supply Connection
- 7 – ECU Connection

Order Name	Short Name	Order Number
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XETK-S16.0

XETK-S16.0A ECU interface for ARM based microprocessor families (including gap pad)

XETK-S16.0A

F-00K-112-258



Optional Accessories

**1 - Ethernet PC Connection**

Ethernet PC Connection Cable 1 Gbit/s, Lemo 1B FGE - RJ45 (10mc-8mc), 3 m

CBE200-3

F-00K-104-373



Ethernet PC Connection Cable 1 Gbit/s, Lemo 1B FGE - RJ45 (10mc-8mc), 8 m

CBE200-8

F-00K-104-374



**2 - Ethernet PC Connection - Adapter Cable (CBAE200)**

Ethernet Connection Adapter Cable 1 GBit/s, Lemo 1B PHE - RJ45 (10fc- 8mc), 1m2

CBAE200-1m2

F-00K-105-760



### 3 - Ethernet Connection - Adapter Cable (CBAE330)

(ES523, ES59x, ES600.2, ES88x, ES89x)

Ethernet Connection Adapter Cable 1 GBit/s to 100

MBit/s, Lemo 1B PHE - Lemo 1B FGF (10fc-8mc),  
0m5

CBAE330-0m5

F-00K-105-759



### 4 - Ethernet Connection

(ES523, ES59x, ES600.2, ES88x, ES89x, ES910)

Ethernet Connection Cable 1 GBit/s, Lemo 1B FGE -  
Lemo 1B FGE (10mc- 10mc), 3 m

CBE230-3

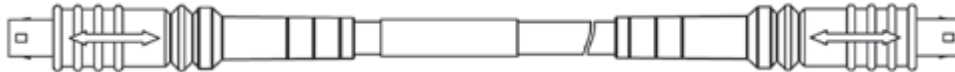
F-00K-105-757



Ethernet Connection Cable 1 GBit/s, Lemo 1B FGE -  
Lemo 1B FGE (10mc- 10mc), 8 m

CBE230-8

F-00K-105-758



### 5 - XETK Connection

XETK ECU Adapter Cable, 100 Mbit/s, Shield on  
ECU-Housing, Lemo 1B HME - JST PHR (10fc-5fc),  
0m38

CBAM230-0m38

F-00K-105-791



XETK ECU Adapter Cable, 100 MBit/s, Lemo 1B PHE  
- JST PHR (10fc-5fc), 0m6

CBAM240-0m6

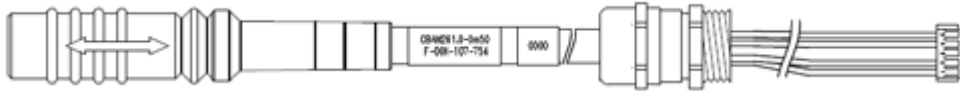
F-00K-105-792



XETK ECU Adapter Cable, pre-assembled into PG9  
screwing, shield on ECU- Housing, Lemo 1B PHE -  
JST PHR (10fc-5fc), 0m50

CBAM271-0m5

F-00K-107-867

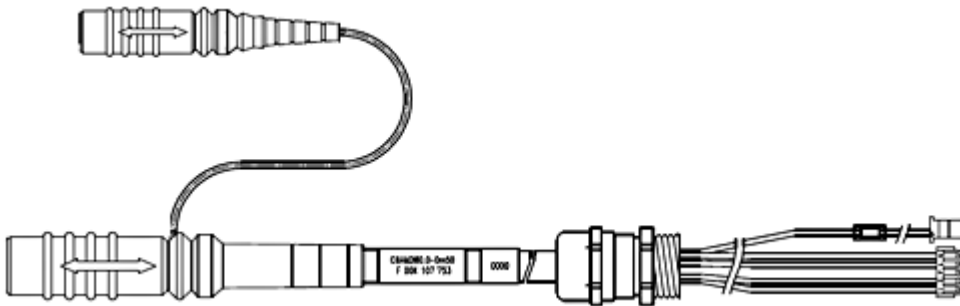


## 5&6 – XETK and Power Supply Connection

XETK ECU Adapter and Power Supply Cable, pre-assembled into PG9 screwing, shield on ECU-Housing, Lemo 1B PHE - JST PHR (10fc-5fc) / Lemo 0B PHG - JST PAP (2fc-2fc), 0m50

CBAM270-0m5

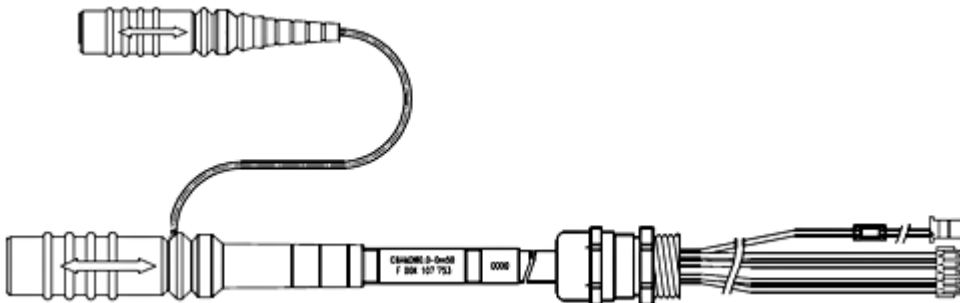
F-00K-107-866



XETK ECU Adapter and Power Supply Cable, pre-assembled into PG9 screwing, shield on ECU-Housing, Lemo 1B PHE - JST PHR (10fc-5fc) / Lemo 0B PHG - JST PAP (2fc-2fc), 0m70

CBAM270-0m7

F-00K-108-479



## 6 – Power Supply Connection

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

KA50

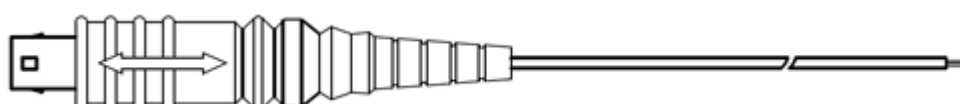
F-00K-000-940



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

K70.1

F-00K-109-270



## 7 - ECU Connection

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ETAM2 ETK ECU Adapter, MOLEX - open wires (6fc - 6c), 0m25 ETAM2 F-00K-109-306



ETAM5 FETK ECU Adapter, MOLEX - MOLEX (6fc - 5fc+1c), 0m136 ETAM5 F-00K-110-101



ETAM9 XETK/FETK ECU Adapter, MOLEX - MOLEX (6fc - 5fc), 0m136 ETAM9 F-00K-111-043



ETAN4A XETK ECU adapter for mounting in external housing, SAMTEC - SAMTEC (40fc - 12fc), 0m136 ETAN4A F-00K-111-423

### Mechanical Accessories

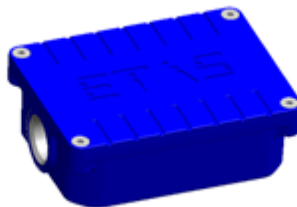
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Gap Pad for heat dissipation as spare part for the XETK-S22 XETK-S22\_GP F-00K-111-041

### Housing

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Water-proof case, designed for ETK-S4.x, ETK-S6.x and ETK-S2x ETKS\_C3 F-00K-107-683



### ECU Connection Protection Cap (for CBAM230, CBAM240)

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Cap to protect open Lemo 1B sockets against dirt, cost effective CAP\_LEMO\_1B\_LC F-00K-105-683



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Note: This list contains only a selection of available adapters. A comprehensive overview is available in the User Guide of each ETK.

