

## **ETAI4**

ETK ECU Adapter, Erni - Erni (12fc - 12fc), 0m11

Data Sheet



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## 1 Introduction

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Serial JTAG Cable to connect an ECU with '12 pin ERNI connector' to an ETKS4.2B.

### 1.1 View

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Figure 1: View

1.2 Installation

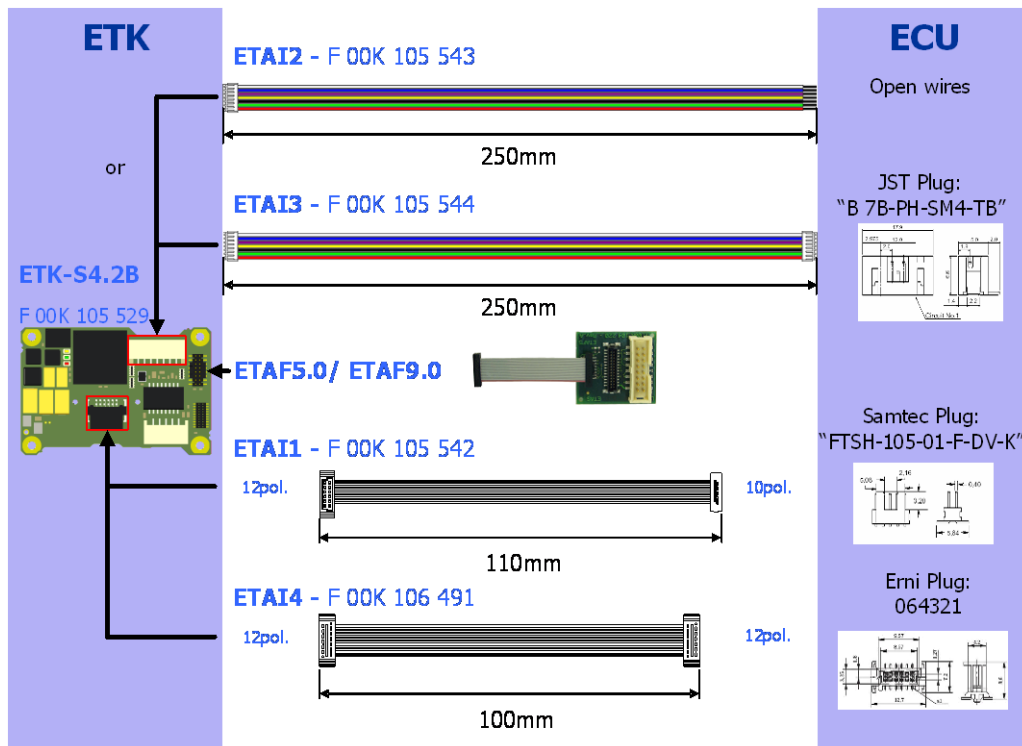


Figure 2: Installation

## 2 Technical Data

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### 2.1 ECU Connector

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To fit with the ETAI1 adapter cable in the ECU must installed an 10 pin SAMTE connector with the order number FTSH-105-01-F-DV-K or a similar type.

Pinlist for the 10 Pin connector:

Pin	Signal	Description
A1	/TRST	JTAG Signal
A2	TCK	JTAG Signal
A3	/BRKOUT	Debugger break signal
A4	TDI	JTAG Signal
A5	TDO	JTAG Signal
A6	/WDGDIS	Watchdog disable signal
B1	/BRKIN	Debugger break signal
B2	GND	Signal Ground
B3	TMS	JTAG Signal
B4	/PORST	ECU Reset signal
B5	VDDP (SENSE)	Switched power supply of ECU (ignition)
B6	Reserved	Reserved

### 2.2 Pin Count for the Connectors

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Figure 3: Pin Connectors

2.3 Measurement Drawing

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measured in mm

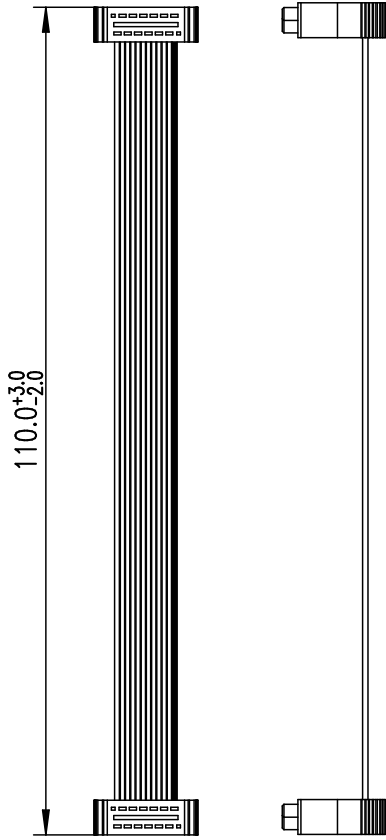


Figure 4: Measurement Drawing



**3** **Ordering Information**

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<b>Short Name</b>	<b>Order - Number</b>
ETAI1	F 00K 105 542
ETAI2	F 00K 105 543
ETAI3	F 00K 105 544
ETAI4	F 00K 106 491

**4 ETAS Contact Addresses**

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