

## ETAS ETAM12

F/XETK-S ECU Adapter,

MOLEX - MOLEX (6fc - 6fc), 0m1



Data Sheet

## Copyright

The data in this document may not be altered or amended without special notification from ETAS GmbH. ETAS GmbH undertakes no further obligation in relation to this document. The software described in it can only be used if the customer is in possession of a general license agreement or single license. Using and copying is only allowed in concurrence with the specifications stipulated in the contract.

Under no circumstances may any part of this document be copied, reproduced, transmitted, stored in a retrieval system or translated into another language without the express written permission of ETAS GmbH.

**© Copyright 2023** ETAS GmbH, Stuttgart

The names and designations used in this document are trademarks or brands belonging to the respective owners.

ETAS ETAM12 Data Sheet R02 EN – 11.2023

## Contents

|     |                             |   |
|-----|-----------------------------|---|
| 1   | Introduction .....          | 4 |
| 1.1 | View .....                  | 4 |
| 2   | Technical Data.....         | 5 |
| 2.1 | ECU Signals .....           | 5 |
| 2.2 | Mechanical Dimensions ..... | 5 |
| 2.3 | Temperature Range.....      | 5 |
| 3   | Ordering Information .....  | 6 |
| 4   | Contact Information .....   | 7 |

# 1 Introduction

ETAM12 adapts FETK, XETK Power signals (Molex 6 pin connector) to an ECU with a 6 pin Molex connector.

## 1.1 View

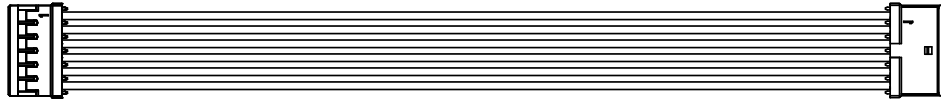


Figure 1: View

## 2 Technical Data

### 2.1 ECU Signals

ETAM12 adapts the ETK power signals (Molex 6pin connector) to an ECU with a 6Pin Molex PicoSpox connector. The ECU connector is available as Vertical SMT Header [87437-0643] or Right Angle SMT Header [87438-0643].

| Pin | Color  | Signal               | Description   |
|-----|--------|----------------------|---|
| 1   | Blue   | VDDPSTBY<br>(Supply) | Permanent power supply of ECU Interface                           |
| 2   | Yellow | VDDSTBY<br>(Supply)  | Permanent power supply of ECU ED-RAM                              |
| 3   | Brown  | GND                  | Power Ground  |
| 4   | Green  | Cal_Wakeup           | Switch to Ubatt. ECU wake-up signal (for measurement preparation) |
| 5   | Red    | SGUBATT2             | Car Battery   |
| 6   | Red    | SGUBATT1             | Car Battery   |

### 2.2 Mechanical Dimensions

Measured in mm.

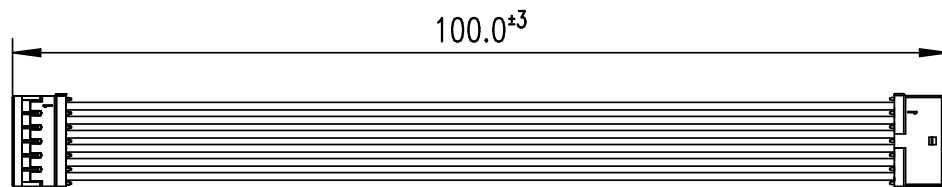


Figure 2: Top View

### 2.3 Temperature Range

| Condition             | Temperature    |
|-----------------------|----------------|
| Operating Temperature | -40°C - +110°C |

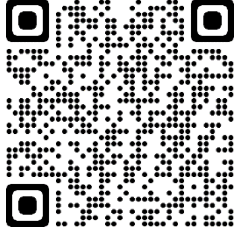
### 3 Ordering Information

| Short Name | Order - Number |
|------------|----------------|
| ETAM12     | F 00K 112 457  |

## 4 Contact Information

### Technical Support

For details of your local sales office as well as your local technical support team and product hotlines, take a look at the website: [www.etas.com/hotlines](http://www.etas.com/hotlines)



### ETAS Headquarters

ETAS GmbH  
Borsigstraße 24  
70469 Stuttgart  
Germany

Phone: +49 711 3423-0  
Fax: +49 711 3423-2106  
Internet: [www.etas.com](http://www.etas.com)