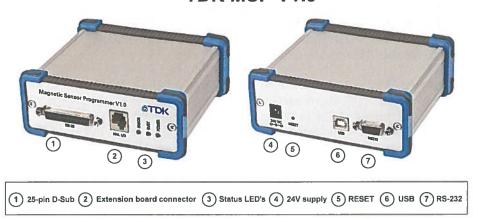


Dear Customer,

thank you for your trust in products from TDK-Micronas. This document gives a short overview of the first steps how to use the new TDK MSP V1.0 (Magnetic Sensor Programmer). Please check first whether the following components are included in your shipment:

1x TDK MSP V1.0, 1x 24V DC power supply with 3x Adapter sockets (EU, USA & Japan), 1x USB 2.0 cable (Type A to Type B) and 1x Extension board cable.

TDK MSP V1.0



If the setup is complete, please download and read the TDK MSP V1.0 User Manual. The latest information about TDK-Micronas products and the TDK MSP V1.0 User Manual is available on the TDK-Micronas Service Portal: https://service.micronas.com/ (registration necessary)

First Steps after reading the User Manual:

- 1) Connect a TDK-Micronas sensor to the TDK MSP (via extension board cable / 25-pin D-Sub plug).
- 2) Connect the TDK MSP via USB or RS-232 to the PC.
- 3) Connect the TDK MSP to the supply voltage.
- 4) Install the USB Driver for TDK MSP V1.0. You can download the latest version from the TDK-Micronas Service Portal or the FTDI homepage https://www.ftdichip.com/Drivers/VCP.htm.
- 5) Install the programming environment software for the sensor you want to use. The Installer is available on the TDK-Micronas Service Portal. If LabVIEWTM Run-Time Engine 2017 (or later) is already installed on your PC you only need to run the executable ".exe". Otherwise the Installer will install the needed LabVIEWTM Run-Time Engine.

Additional Information:

- For a detailed description of the pinning of the HAL interface HAL1/2 and DB-25 and the list of supported sensor types, please refer to the TDK MSP V1.0 User Manual.
- The communication between TDK MSP and PC is done via USB or RS-232 interface. The selection will be done at the power up. If both interfaces are connected at the same time, the programmer will prefer the USB connection.
- The programmer board is useable in combination with: Extension Board V5.0.

Note: The TDK MSP is designed for engineering purposes in laboratories. It is not recommended for use in production line.



NOTE:

Evaluation boards/kits are intended for ENGINEERING, DEVELOPMENT, DEMONSTRATION or EVALUATION PURPOSES <u>ONLY</u>. Evaluation boards/kits shall not be used to program products intended for production or series production. Please note that due to the open construction the use of the evaluation boards/kits may only be carried out by trained and qualified personnel.

This is not a finished product and may not comply with some or any technical or legal requirements that are applicable to finished products, including, without limitations, safety and environmental rules, directives regarding electromagnetic compatibility or recycling, such as but not limited to CE, UL, TÜV or any other certificate.

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Further, the user indemnifies TDK-Micronas GmbH from third party claims arising from the handling or use of the goods to the extent the user would also be directly liable.

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