

Firmware Update

Hand in hand for tomorrow

Imprint

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Technical changes:

We reserve the right to make alterations for the purpose of technical improvement.

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Dear Customer,

Thank you for trusting our products and our family-owned company, the leading technology supplier of robots and production machines.

Our team is always available to answer any questions on this product and other solutions.

Ask us questions and challenge us. We will find a solution!

Best regards,

Your SCHUNK team

Customer Management

Tel. +49-7133-103-2503

Fax +49-7133-103-2189

cmg@de.schunk.com

Please read the manual in full and keep it close to the product.

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1 Firmware Update

To up- or downgrade the firmware version of your module, follow the instructions below.

NOTE

For information how to check the current firmware version, see the chapter *Check current firmware version*.

How to up- or downgrade

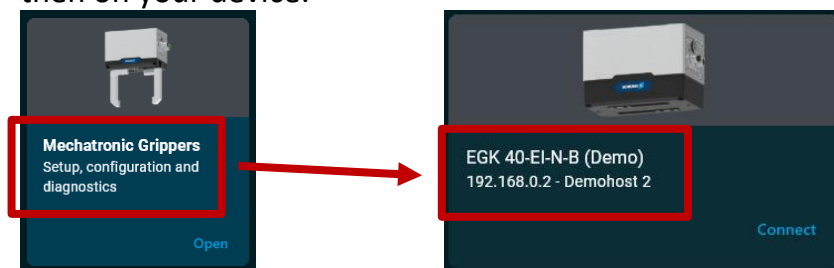
1. Connect your module with your computing device (laptop or pc).
2. Start the SCHUNK tool *Commissioning and configuration software for mechatronic grippers EGU and EGK*.

NOTE

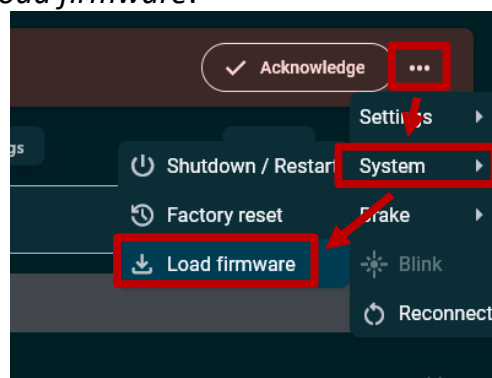
To download the current version of the tool click www.schunk.com/downloads-software or scan the QR code.



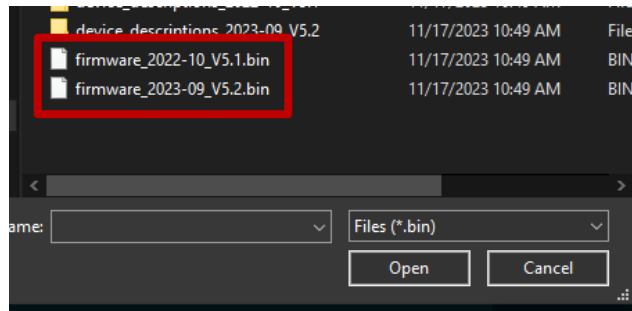
3. After the tool has been started, click on *Mechatronic Grippers* and then on your device.



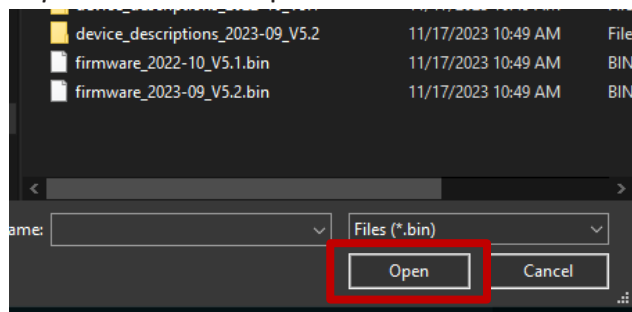
4. Once you are connected to your module, click on the tree dots located on the right-hand side of the window. Go to *System* and then click on *Load firmware*.



5. In the pop-up window, navigate and mark the .bin file of the firmware version you want to install.



5. Click *Open* to start the process.



6. After the process is completed, the module needs to be restarted.

NOTE

The update process is only supported for modules with industrial ethernet communication. To communicate with an EtherCAT PLC EoE needs to be activated. Once you want to update a module with IO-Link or Modbus RTU interface, please contact our after sales service for support.



⚠ WARNING

Risk of injury from bruise!

During the update process from firmware version 5.1 to 5.2, the base jaws of the module will be moved. It is important to ensure that the area of movement is free of body parts. Furthermore, it is mandatory that no workpiece is held during the update process.

2 Release Notes

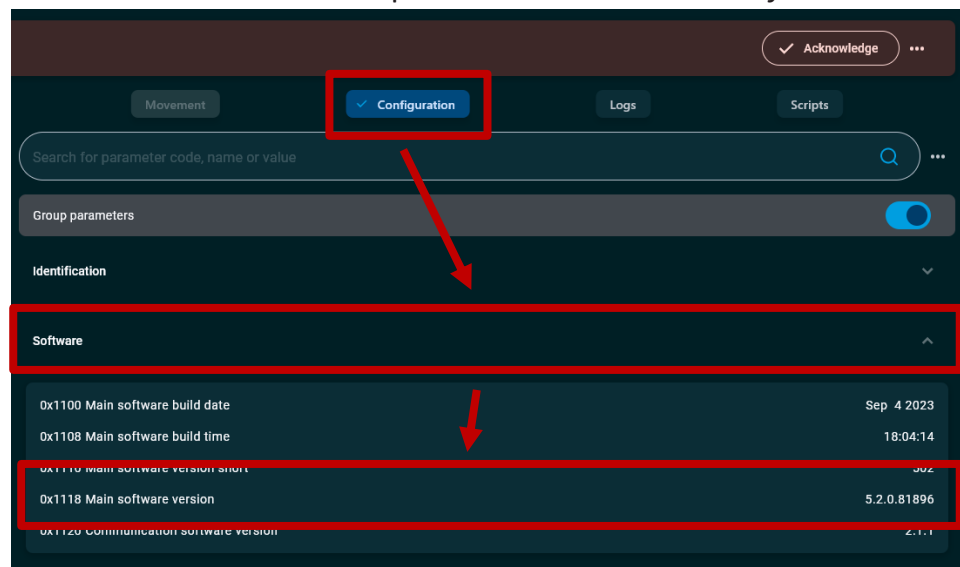
The release notes can be found in the supplied “release_notes.txt” file.

3 Check current firmware version

You can use the SCHUNK tool *Commissioning and configuration software for mechatronic grippers EGU and EGK* or read a parameter acyclically to check the current firmware version of your module.

3.1 Use SCHUNK tool

In the tool navigate to *Configuration* and click on the drop-down menu of the parameter group *Software*. Here you can find information about the installed firmware. You can read the current firmware version from the parameter *0x1118 Main software version*.



3.2 Use acyclic communication

You can read acyclically one of the following parameters, to check the current firmware version.

HEX 0x1118
DEC 4376

<sw_version_txt>

Description: Outputs the firmware version as text.
Access rights: Read
Data type: CHAR[22]
Format: ASCII-String

HEX 0x1110
DEC 4368

<sw_version_num>

Description: Outputs the short firmware version as number.
Access rights: Read
Data type: UINT16

4 Appendix

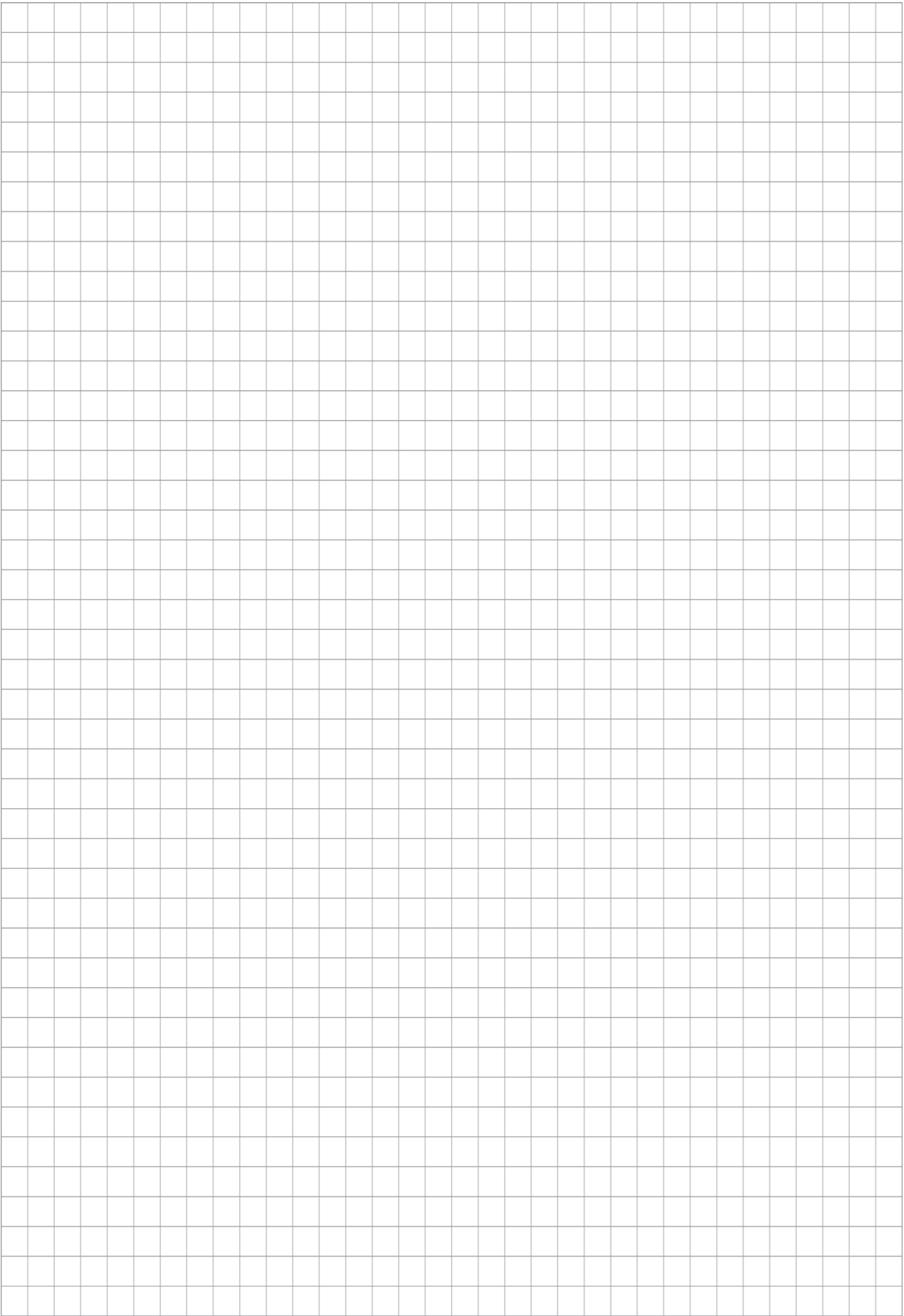
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Applicable documents

General terms of business (this document can be downloaded from [schunk.com](https://www.schunk.com).)



SCHUNK SE & Co. KG
Clamping and gripping technology
Bahnhofstr. 106 - 134
D-74348
Lauffen/Neckar
Tel. +49-7133-103-0
Fax +49-7133-103-2399
info@de.schunk.com
schunk.com

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