FAQ – configuration profibus example for series C9302

Safety precautions

Important Information

Read these operating instructions before starting the unit. They provide you with important information on the use, safety and maintenance of the units. This helps you to protect yourself and prevent damage to the unit.

Information intended to help you to avoid death, bodily harm or considerable damage to property are highlighted by the waring Triangle shown here; it is imperative that this information be properly heeded.

Safety

components inside the units are energized with electricity during operation. For this reason, mounting and maintenance work may only be performed by professionally-trained personnel while observing the corresponding safety regulations.

The units do not have a power switch. They are operative as soon as the operating voltage is applied.

Intended use

The units are intended for use in industrial environments. They may only be operated within the limit values stipulated by the technical data.

When configuring, installing, maintaining and testing the units, the safety and accident-preventation regulations relevant to use in each individual case must be comlied with.

Trouble-free, safe operation of the units requires proper transport, storage, installation, mounting and careful operation and maintenance of the units.

Mounting and Installation

The attachment options for the units were conceived in such a way as to ensure safe, reliable mounting.

The user must ensure that the attechment hardware, the unit carrier and the anchoring at the unit carrier are sufficient to securely support the unit under the given surrounding conditions.

The units are to be mounted in such a way that they can be opened up while mounted. Sufficient space for the cables must be available in the unit near the cable infeed.

Sufficient space is to be kept clear around the units to ensure air circulation and to prevent the biuld-up of heat resulting from use. The relevant information must be heeded in the case of units ventilated by other means.

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When the housing fasteners are opened, the front frame of the housing hinges out upward or downward (depending on the unit version) automatically.

Grounding

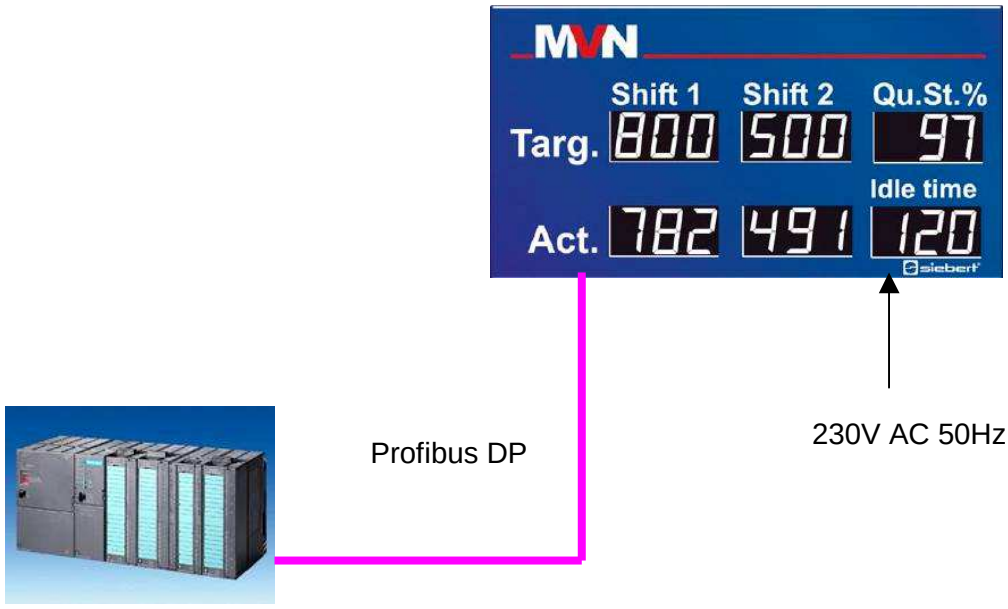
All devices are equipped with a metal housing. They comply with safety class I and require a protective earth connection. The connecting cable for the operating voltage must contain a protective earth wire of a sufficient cross section (DIN VDE0106 part 1, DIN VDE 0411 part 1).

Other

Read first the chapter 1 of the manual.

1. connect your new XC-Board over profibus dp on your plc and power supply

   the best configuration to learn communicate XC-Board over profibus dp is to connect only one display on plc and no other functions will be on plc than the example file.



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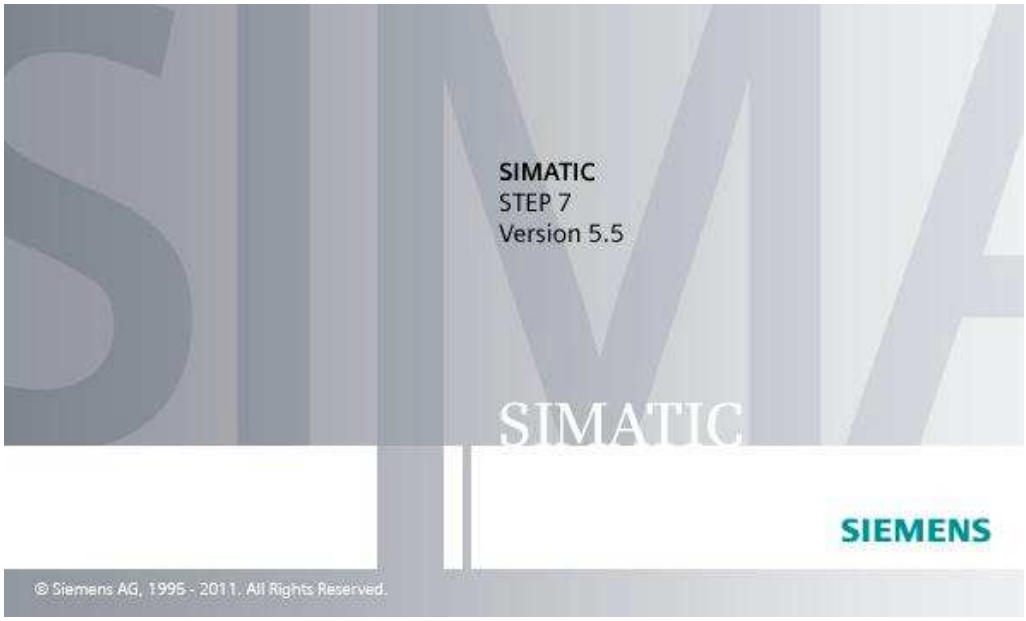
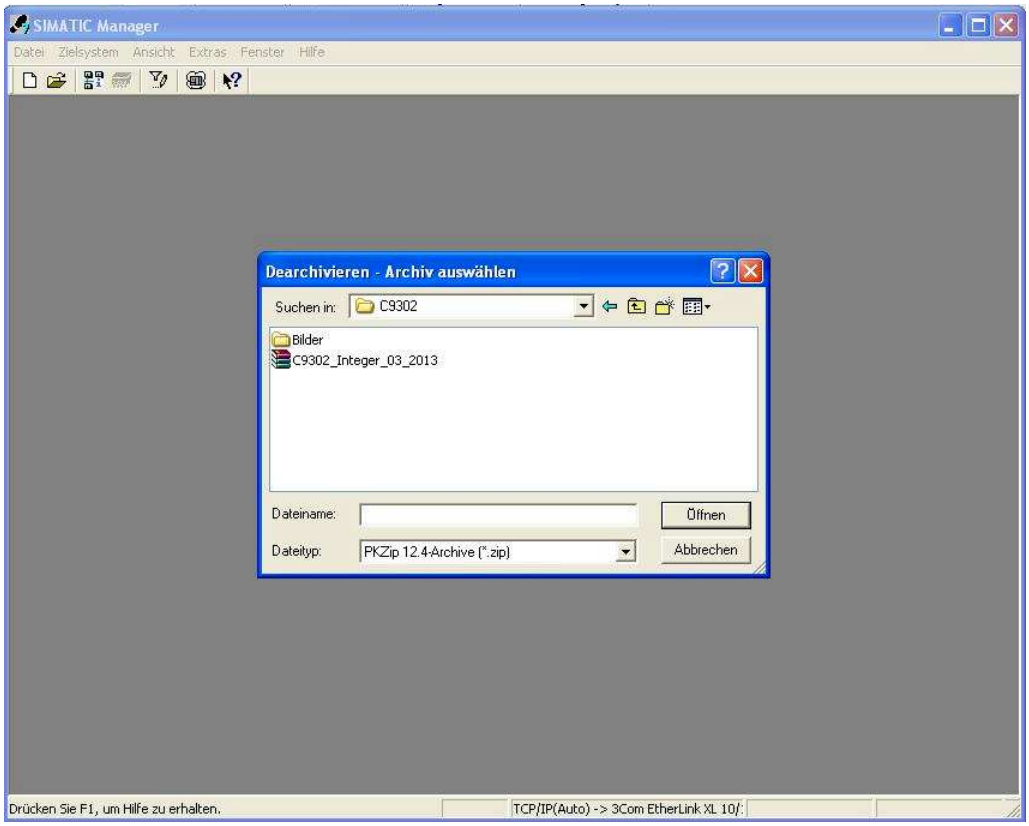
2. Start Siemens Simatic Manager



3. extract the example file from the file folder



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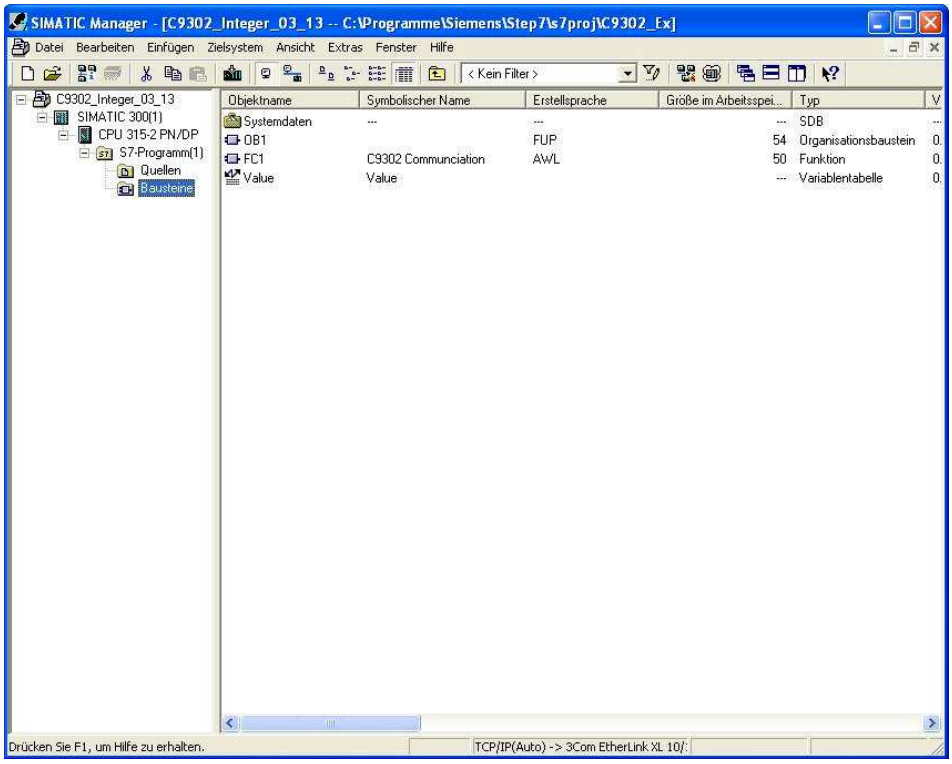
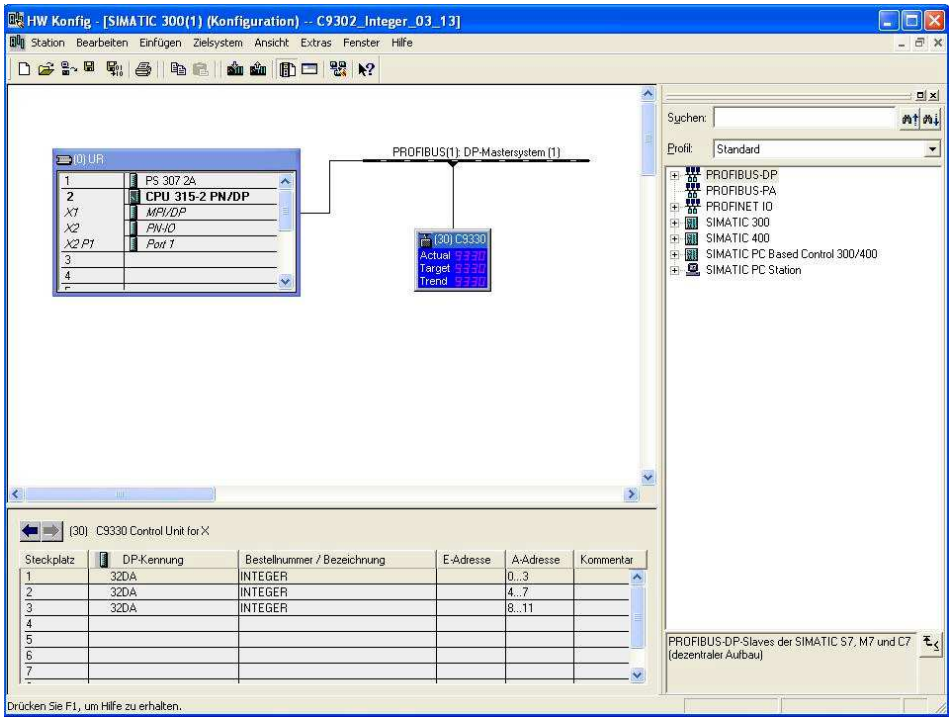


4. open the hardware configuration



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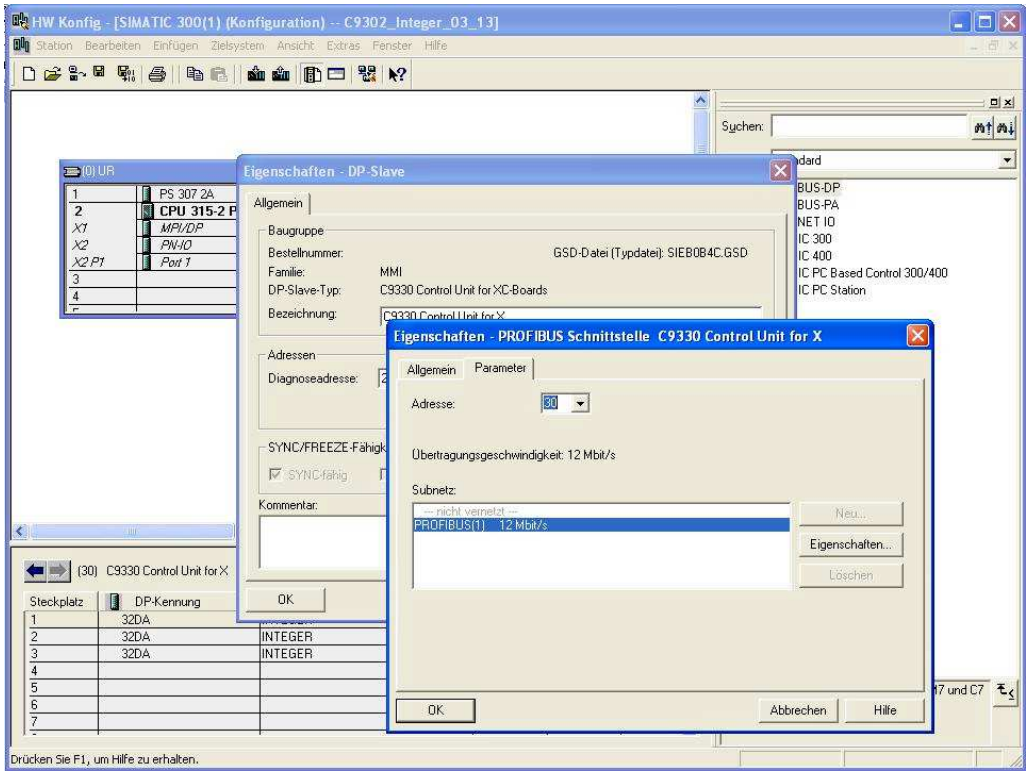
5. change the profibus slave address on your favorite address



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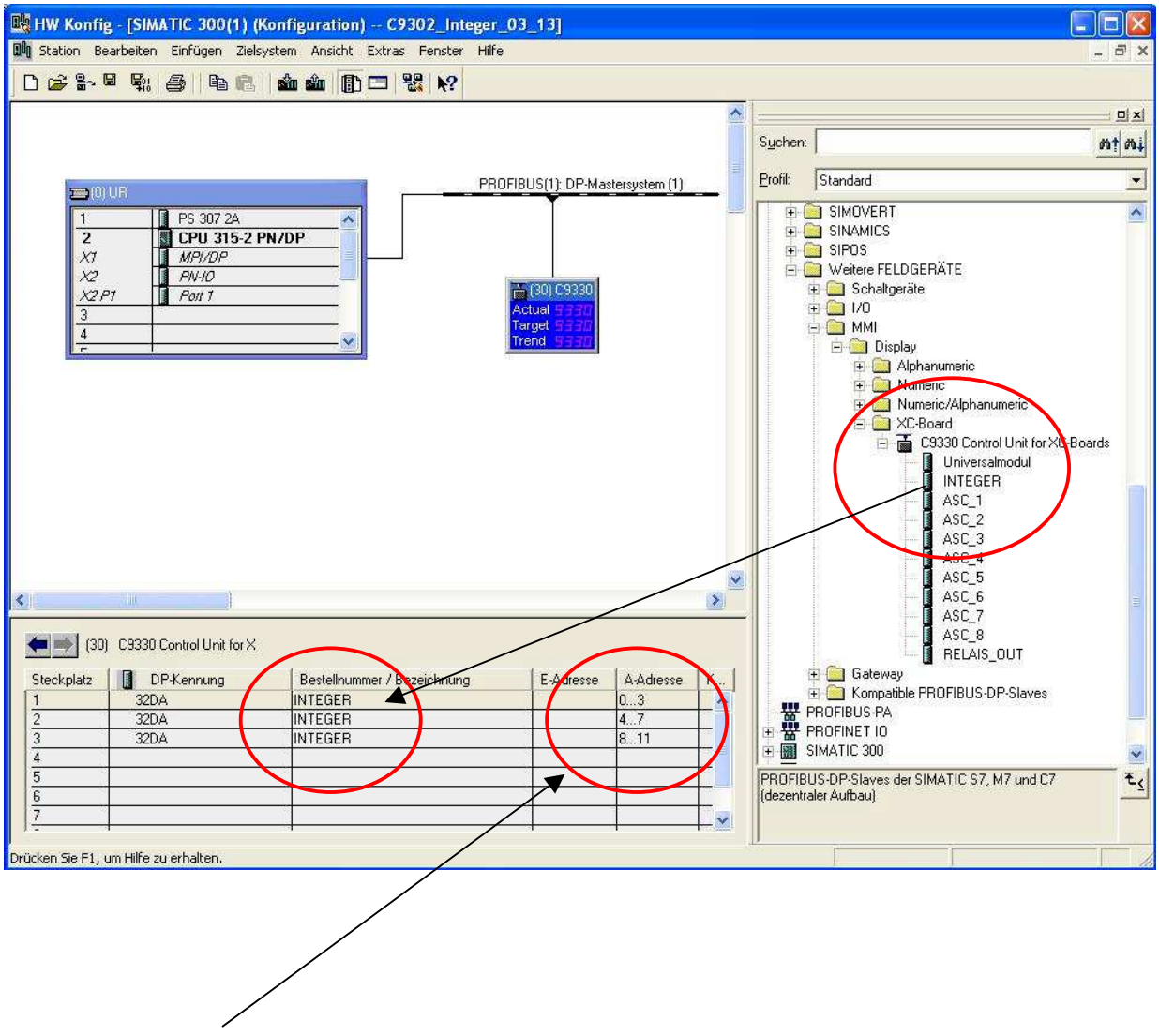
6. choose a configuration from hardware catalog and set it on the plug-in position of the profibus slave

   (for example 3 times INTEGER)



Attention! For this example use these output byte area.

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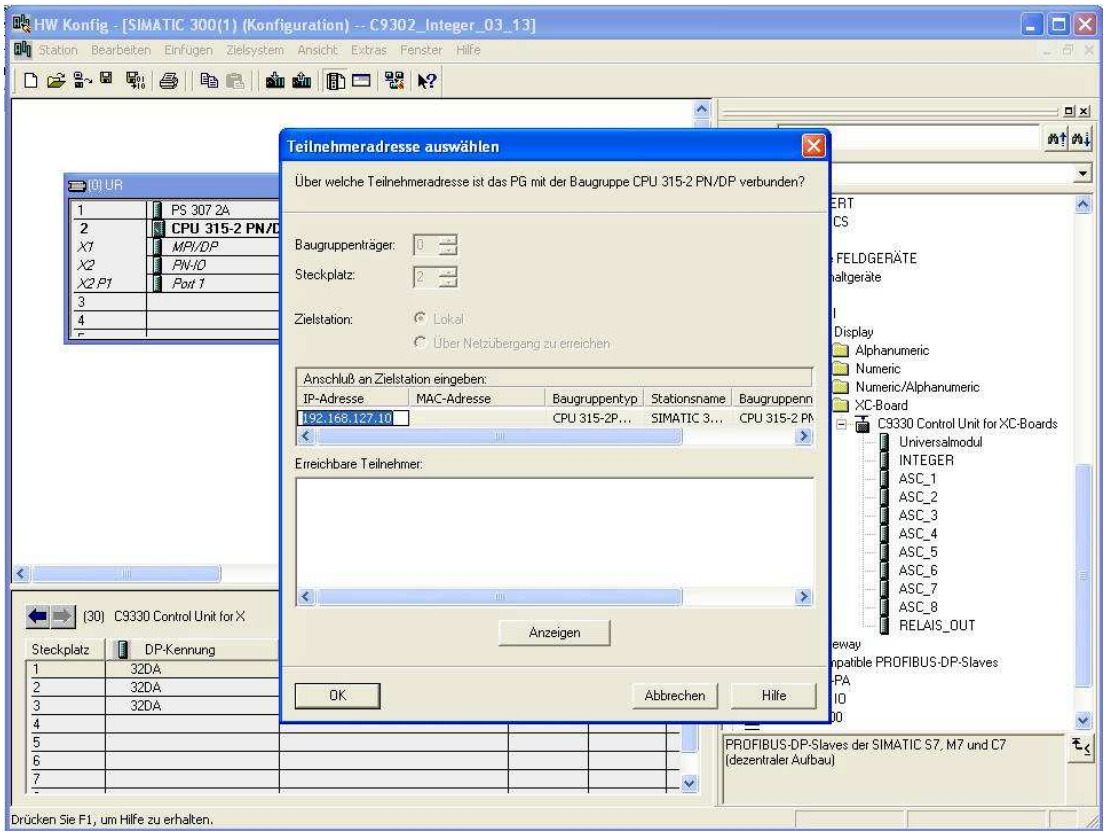
7. save and translate hardware configuration and send it to the plc.



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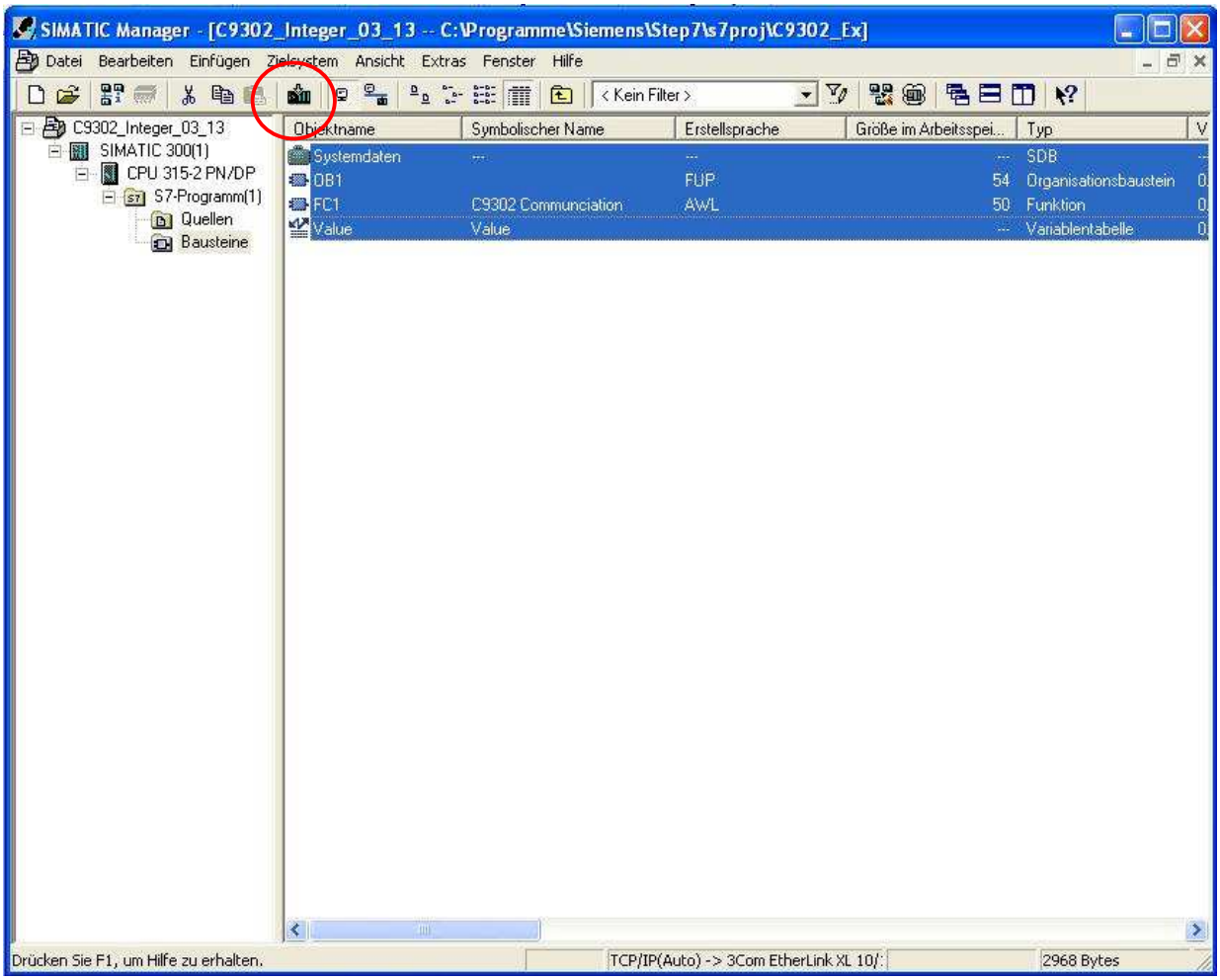
8. close hardeware configuration and save everything to the plc



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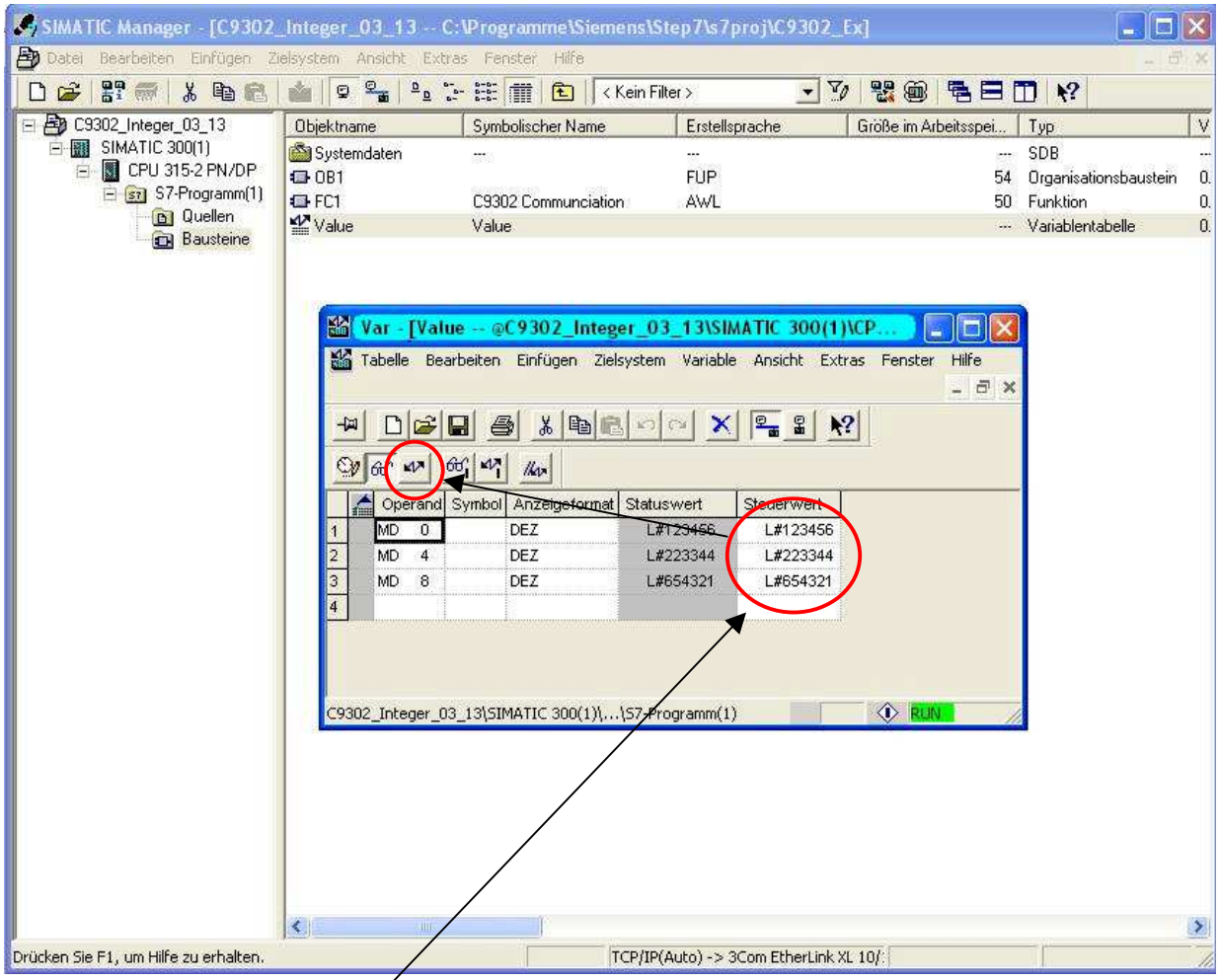
9. open the variables sheet and control the values



If you change values here and control it the values are signed on display.

Now you can set your specified values in MD0, MD4 and MD8.