

PROSO-DE09

Programming Software DE09

ENGLISH

1. Safety information

- In order to carry out installation correctly, we strongly recommend that this document is read very carefully.
- Never use the components under conditions which do not comply with the conditions stipulated in this document.
- If any information is missing or unclear, please contact the SIKO sales staff.
- Warranty can only be claimed for components supplied by SIKO. If used together with other products, the warranty for the complete system is invalid.

2. Summary description

DE09 programming software is used to program indicators type DE09 before their installation. The software can either be run under Windows 3.1x or under Windows 95. The software is quite easy to handle; all functions are described in plain language and all values entered directly.

All functions exactly comply with the designations listed in the DE09's ordering code. The software recognizes invalid values and ask the operator for value correction.

3. System requirements

Computer

Running programming software DE09 needs a PC having at least a 486 DX2-processor. Moreover, the computer should have at least 0,5 MB free memory and a 1.44-MB 3 1/2-inch-diskette drive. Another prerequisite for software installation is the existence of Windows 3.1x or Windows 95.

Mouse

should be compatible with Windows 3.0.

Printer connection

Use enclosed connection cable for programming position indicator DE09. This programming cable links indicator and computer and is connected to the PC's printer interface.

4. Installation

If you are familiar with Windows and have experience installing other programs, the following information for installation will be sufficient.

Note: This description is based on the DE09 programming software being installed from drive A: to fixed disk C:. If you use different drives, please indicate the correct drive designation.



1. Start Windows and push programming disk into drive A: .
2. Select in Program Manager command "Run" from Window file menu.
3. Enter into dialogue field "Run" command **a:\setup** and confirm with "OK".
4. Installation is now running automatically and as soon as it is completed, the new program and the DE09 symbol will appear in the Program Manager.
5. Doubleclick on the DE09 icon to start the program.

5. Connection

Connection of position indicator DE09

The unprogrammed indicator DE09 is supplied with loose front cover. The cover hides the socket (fig. 1) used for programming the indicator and must therefore be removed before programming. Units, which were preprogrammed in our factory, have a fixed foil at the front. This one has to be exchanged with a new one (included in the shipment). For the connection the plug of the included programming adapter has to be connected to the socket at the DE09 (fig. 2).

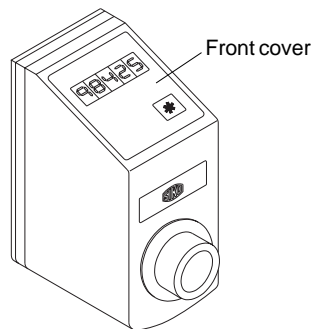


Fig. 1: DE09 with front cover

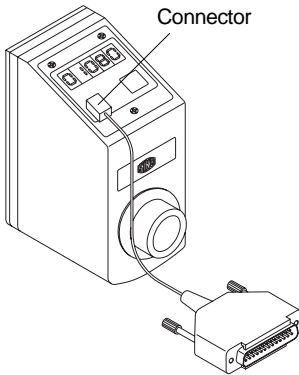


Fig. 2: DE09 with connection cable

Connection to PC

Indicator DE09 and computer are linked by the programming cable which is to be connected to the PC's printer interface.

Disconnection

After programming, the programming cable is removed from indicator and PC's printer interface. Subsequently stick front cover thoroughly on the housing and remove protective film.



Note! Programmed values should be filed, either on the identification plate or on a separate configuration sheet.

6. Functional description

Language

Point "Language" in the menu strip offers German or English. Selection is made via mouse click.



Info

The current software version is displayed, if you click on "Info". Confirm with "OK" in order to leave this field.

Description of the different buttons

There is an interdependence between the different buttons, ie. the selection of one parameter may restrict the other parameters' range.

6.1 Mode

Simply click to switch from linear mode to angle mode.

Programming will influence available choice under button "Digits step by step" and "Decimal places".



6.2 Digits step by step

Click to switch in "Linear mode" from value 1 to value 2 (DE09 display will change from display of 1 step = 1 digit, to display of 1 step = 2 digits). If "Angle mode" was programmed before, value 5 will be automatically preselected (1 step = 5 digits, which corresponds to 0,5° per step). Any programming will influence the allowable value range under button "Display after one revolution".



6.3 Display after one revolution

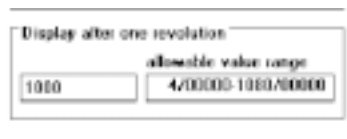
Enter the 4-digit value to be displayed after one revolution into the window. This value can be extended by another 5 positions which have to be entered after a forward slash "/" (either use keys "/" or "," or "."). This allows to enter a calculation value with max. 9 positions, eg. for calculation with odd values such as Inch-values.

Example: Value entered = 0010/55000

Display after one revolution: 10

Display after 10 revolutions: 105

Display after 100 revolutions: 1055



6.4 Decimal places

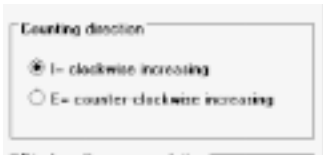
Click on the corresponding button to determine at which position (seen from the right) the comma is to be placed.

| Example: | Decimal places | Display |
|----------|----------------|---------|
| 1080 | 0 | 1080 |
| | 1 | 108,0 |
| | 2 | 10,80 |
| | 3 | 1,080 |
| | 4 | 0,1080 |



6.5 Counting direction

Click to choose between counting directions "clockwise increasing" and "counter-clockwise increasing".



6.6 Version/reading direction

This function allows to choose the layout of the display in accordance with its mounting position, ie. display shifted by 180° or not (see product designation shown under ordering code).



6.7 Programming DE09

Push this button field to send the programmed values to indicator DE09 whose display will then be zeroed. State display issues message "Programming OK" to confirm the programming made. Any wrong value will launch message "Value not allowed for display after 1 rev.".



6.8 Start reading counter

Click to display the current counter value (displayed without comma). Programming is now blocked. Button changes to "Stop Reading Counter". Click on button to reactivate programming function.



7. Trouble shooting

Installation will be disrupted, if file "vbrun300.dll" already exists in the Window register. Copy existing file into another register; then delete it from the Window register. Start programming again with command "Setup".

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