BASE Automação

“UM SÓLIDO INVESTIMENTO EM AUTOMAÇÃO E INTEGRAÇÃO DE SISTEMAS”

WAGO - Aplicação de sistema para controle de máquinas.

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Objetivo

- Oferecer uma arquitetura compacta ideal para controle de máquinas.

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Ferramentas utilizadas na solução

- Wago:
  - CPU (IHM Control Panel [CP] 5.7 polegadas com CLP integrado.

- Rede Industriais
  - Rede CanOpen.

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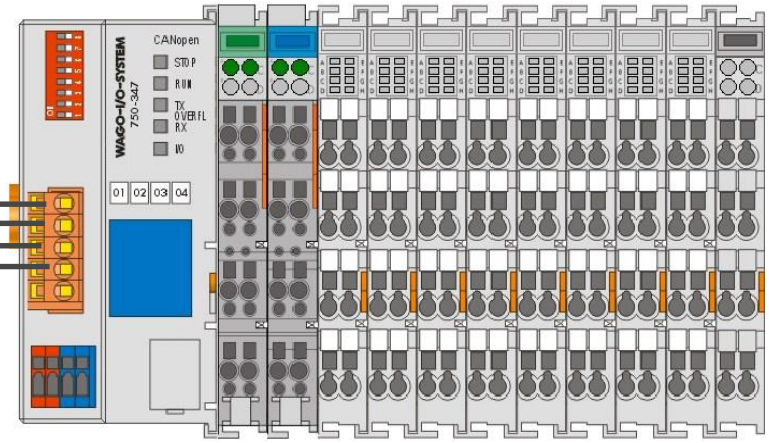
Arquitetura do Sistema

Control Panel Wago
IHM/CLP integrado

Rede CanOpen

Remota IO



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Telas da aplicação

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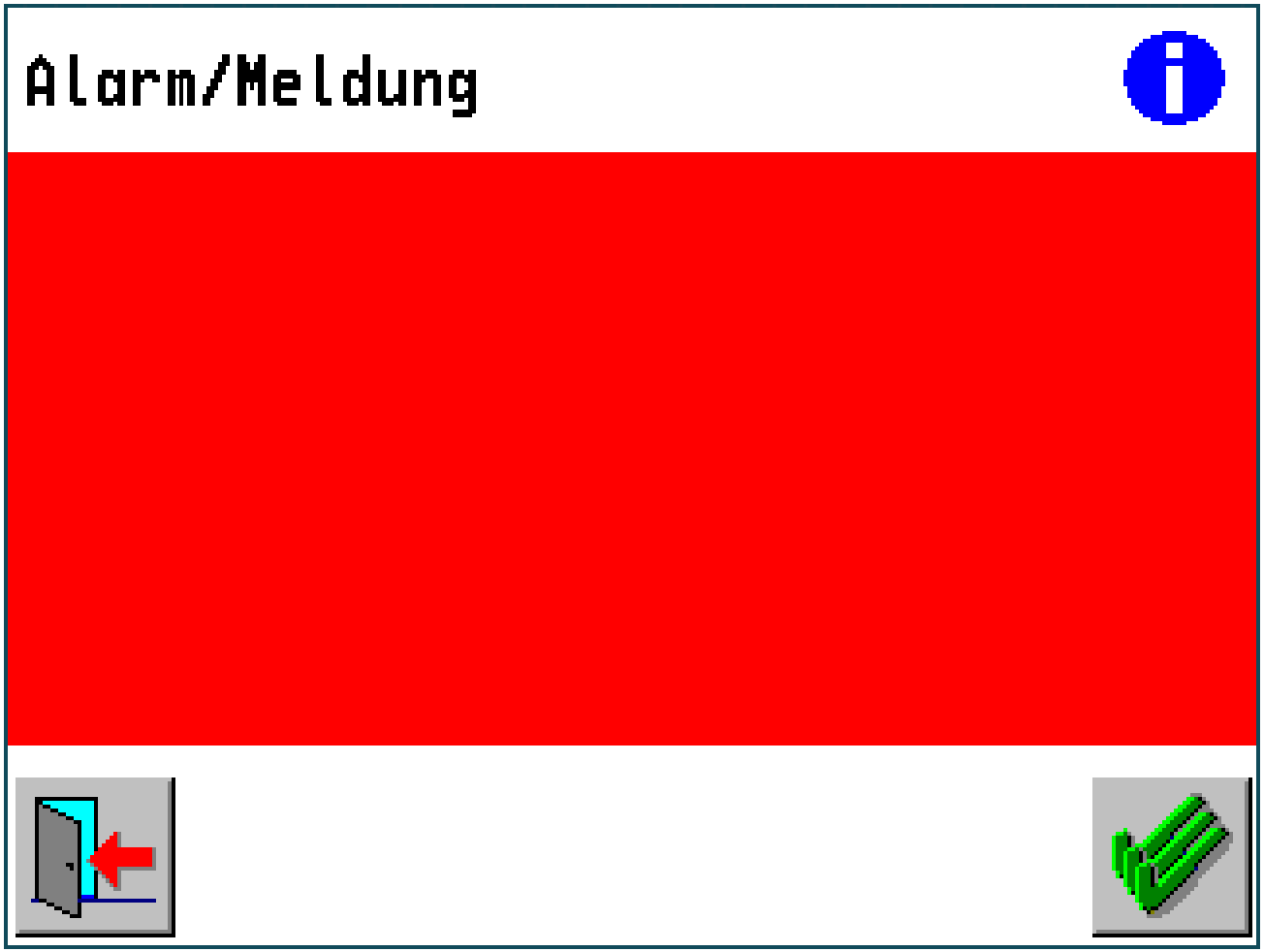

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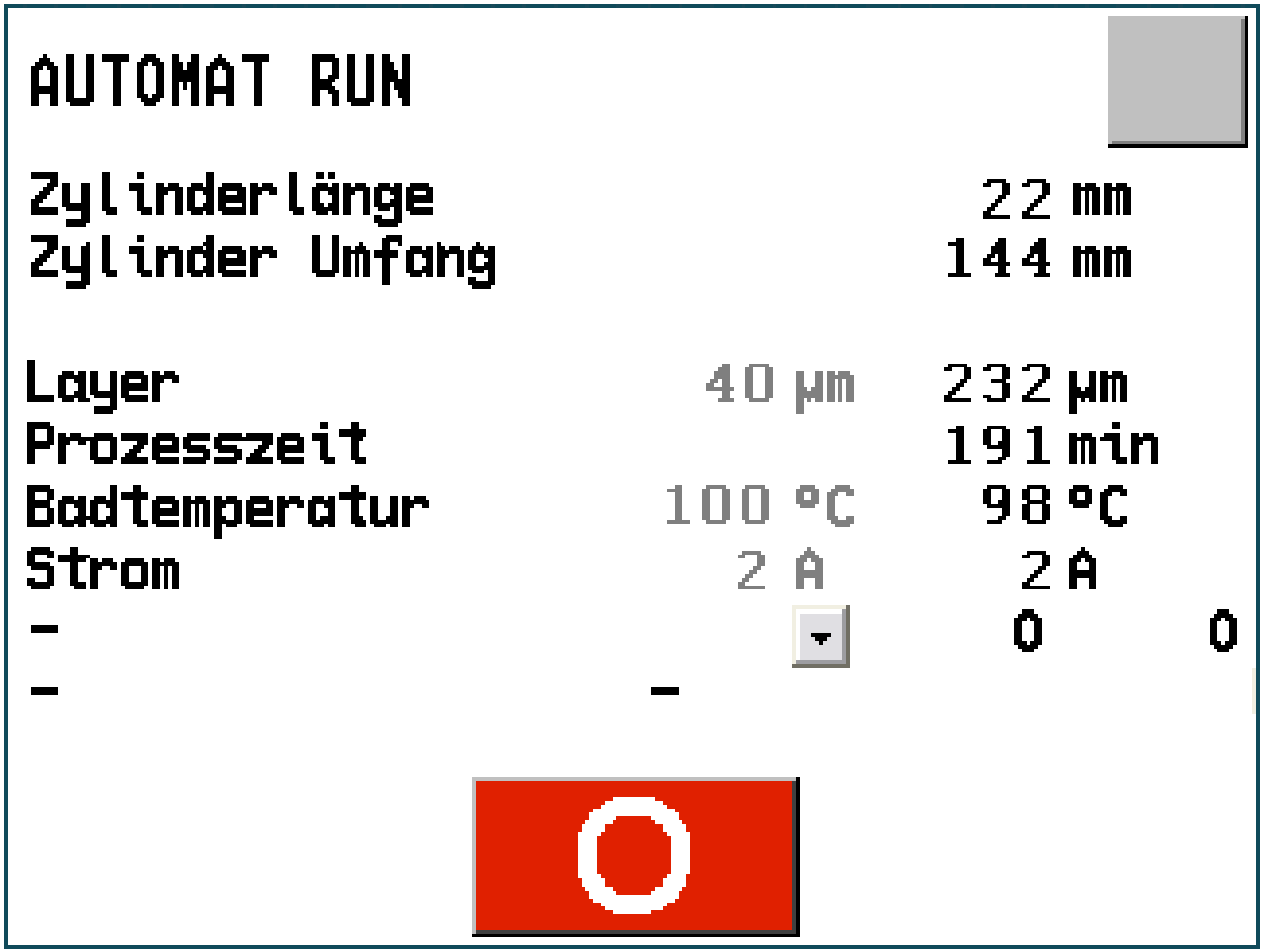

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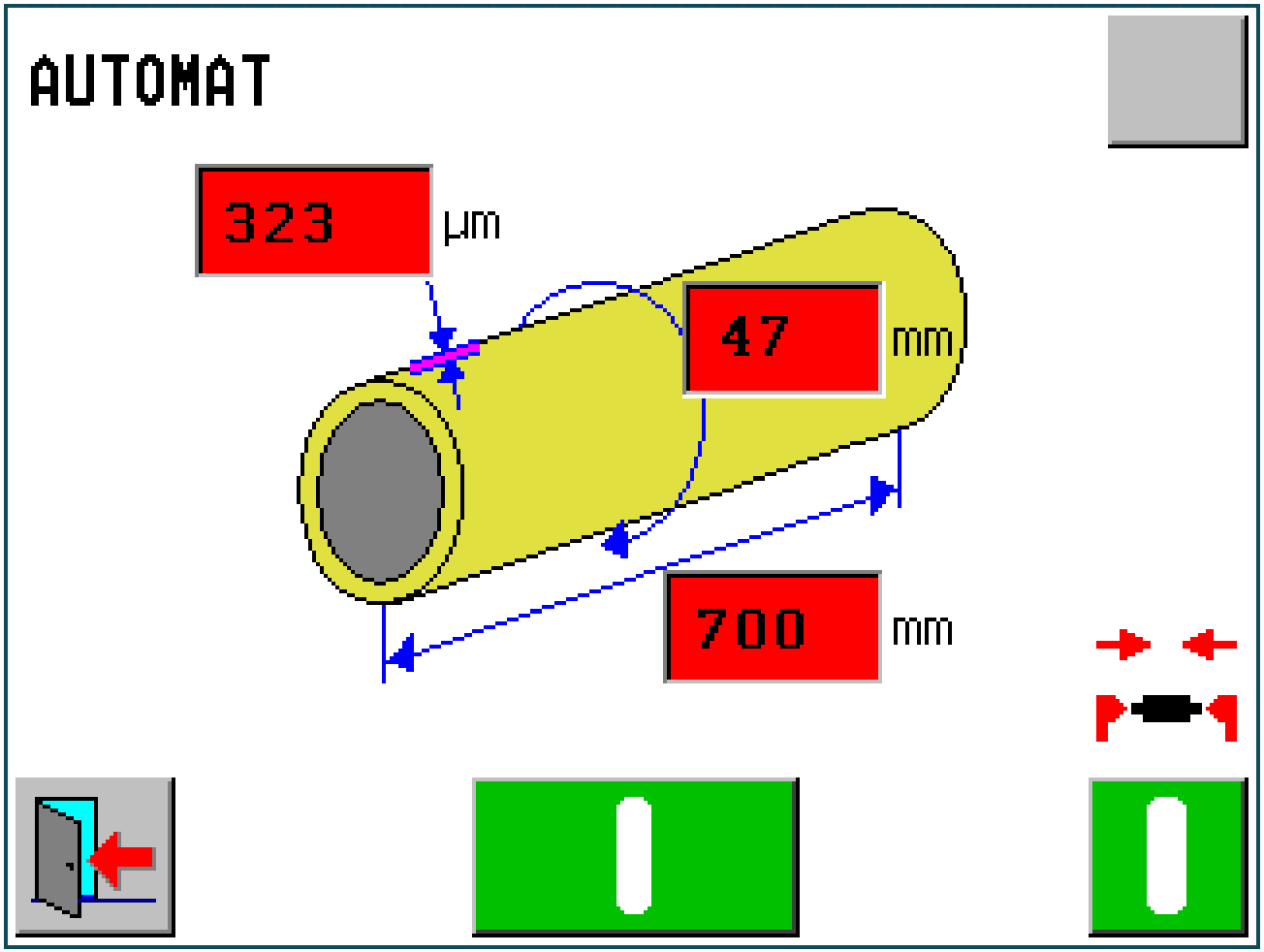

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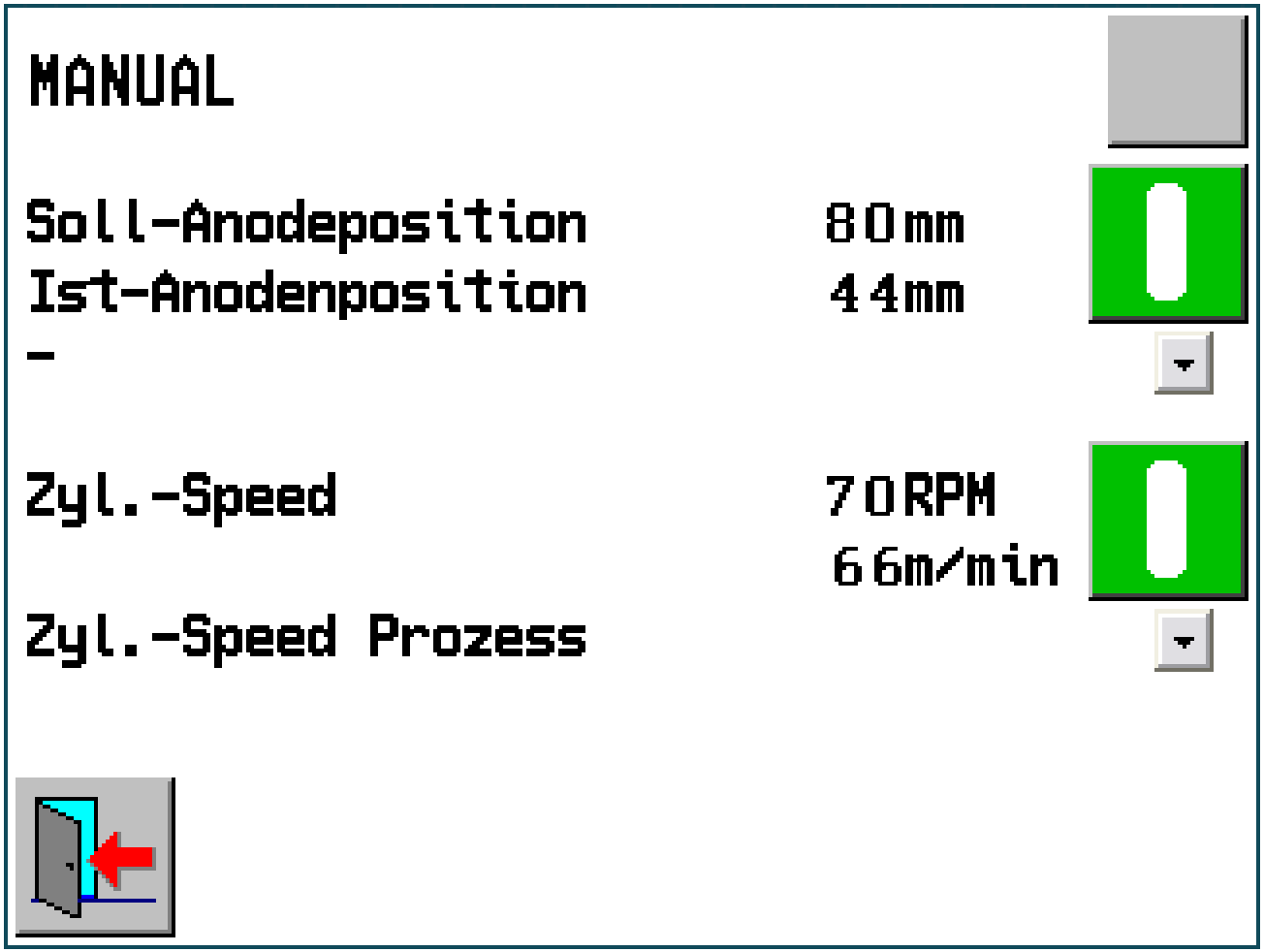

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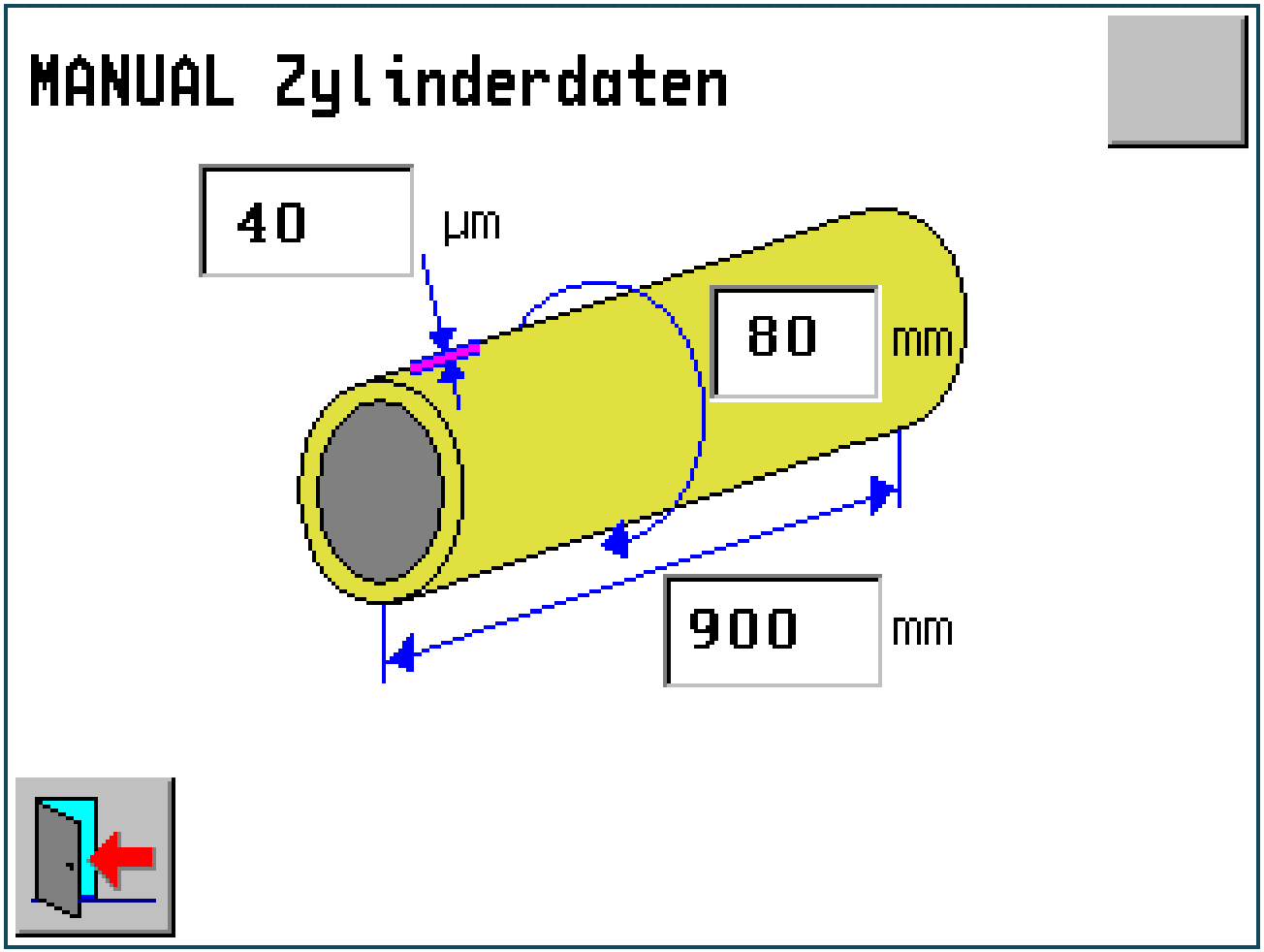

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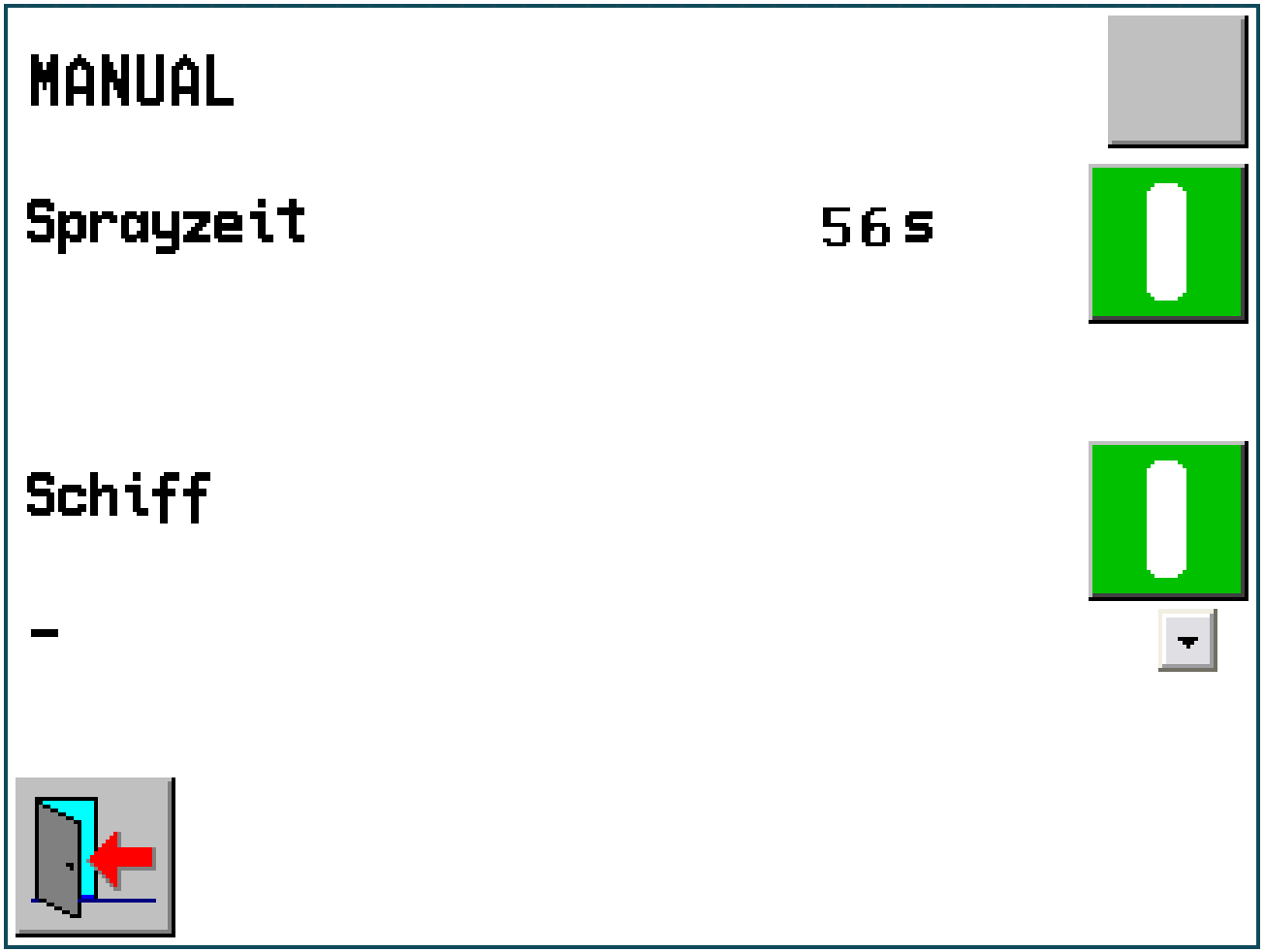

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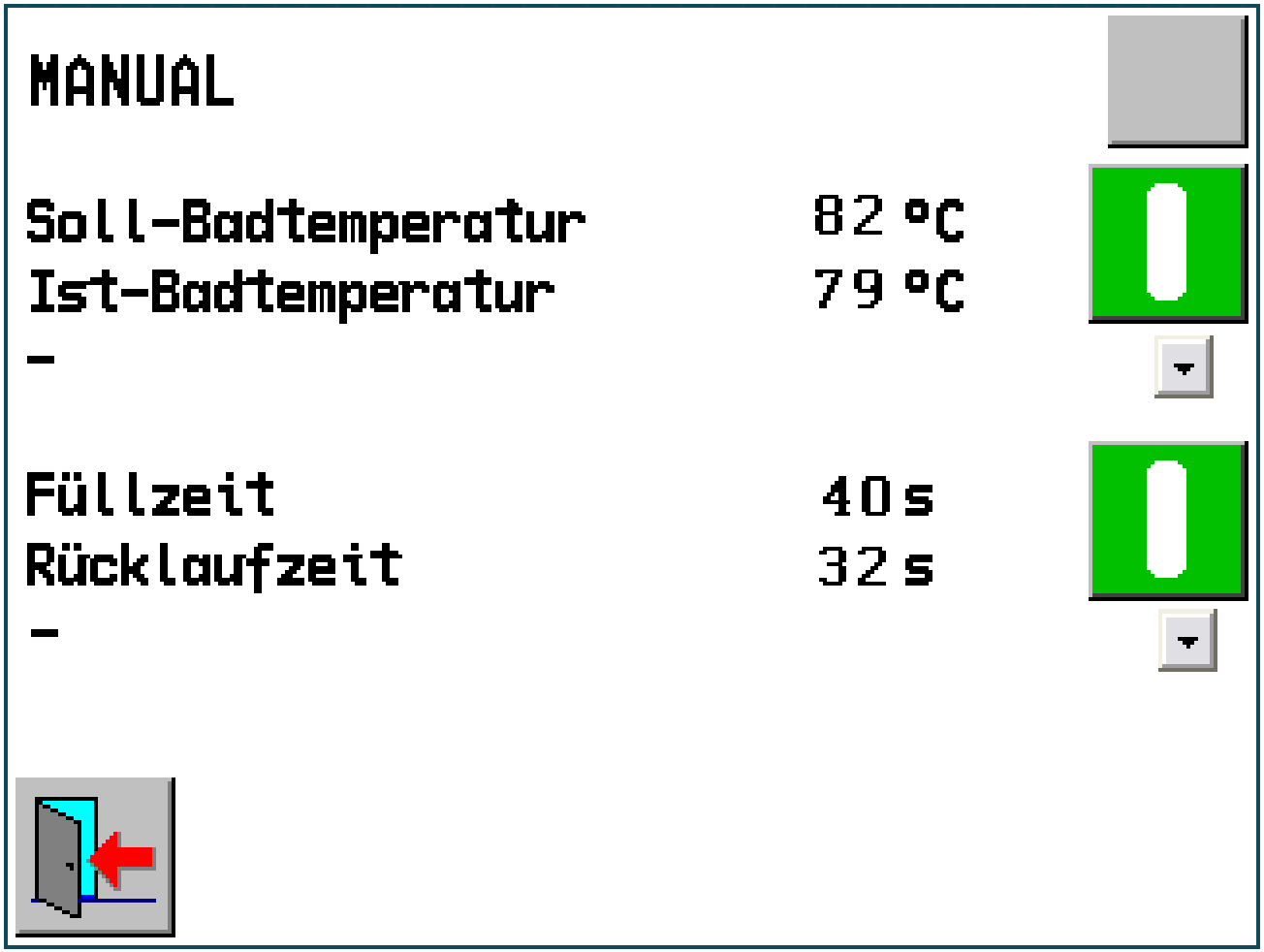

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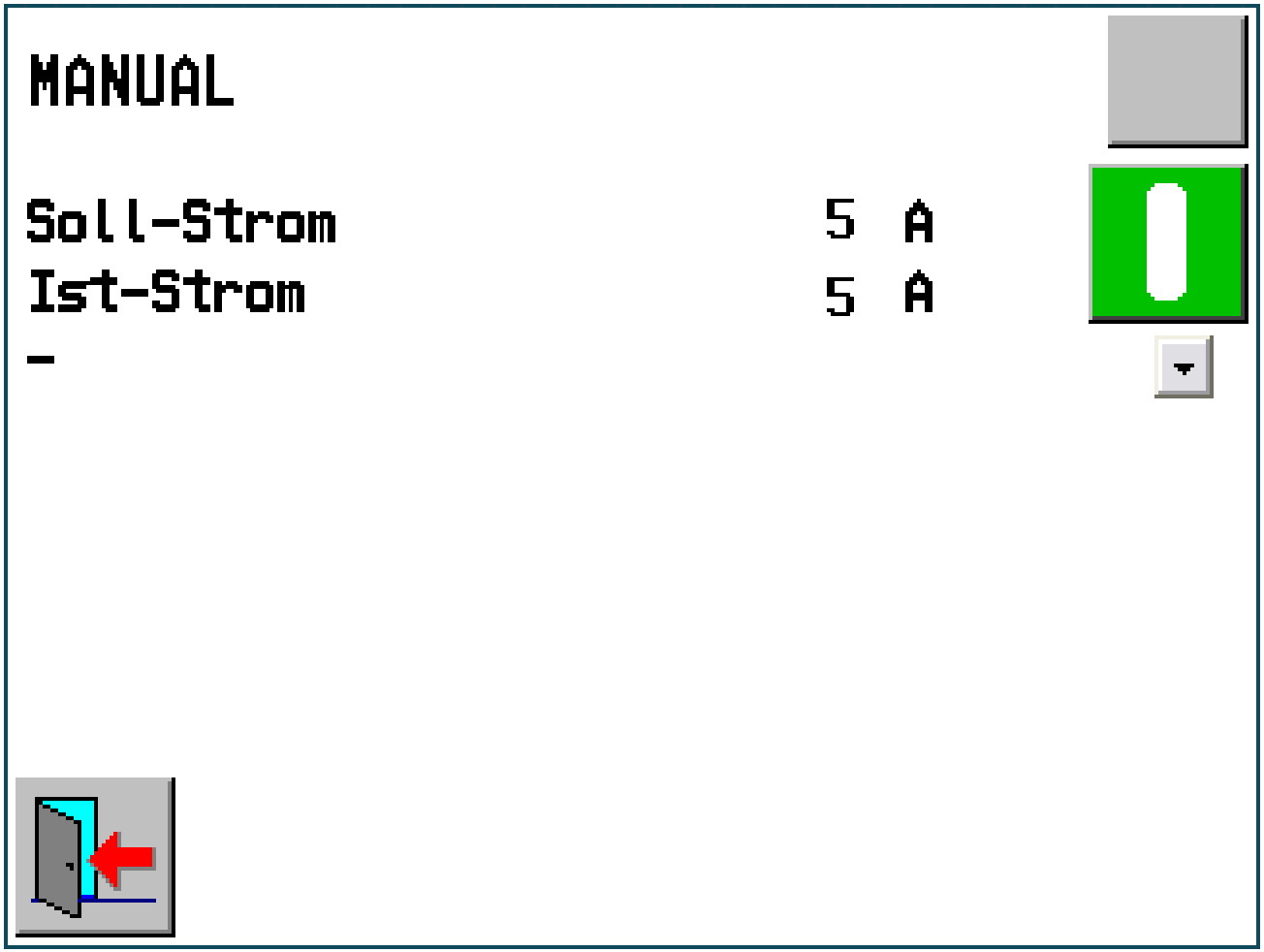

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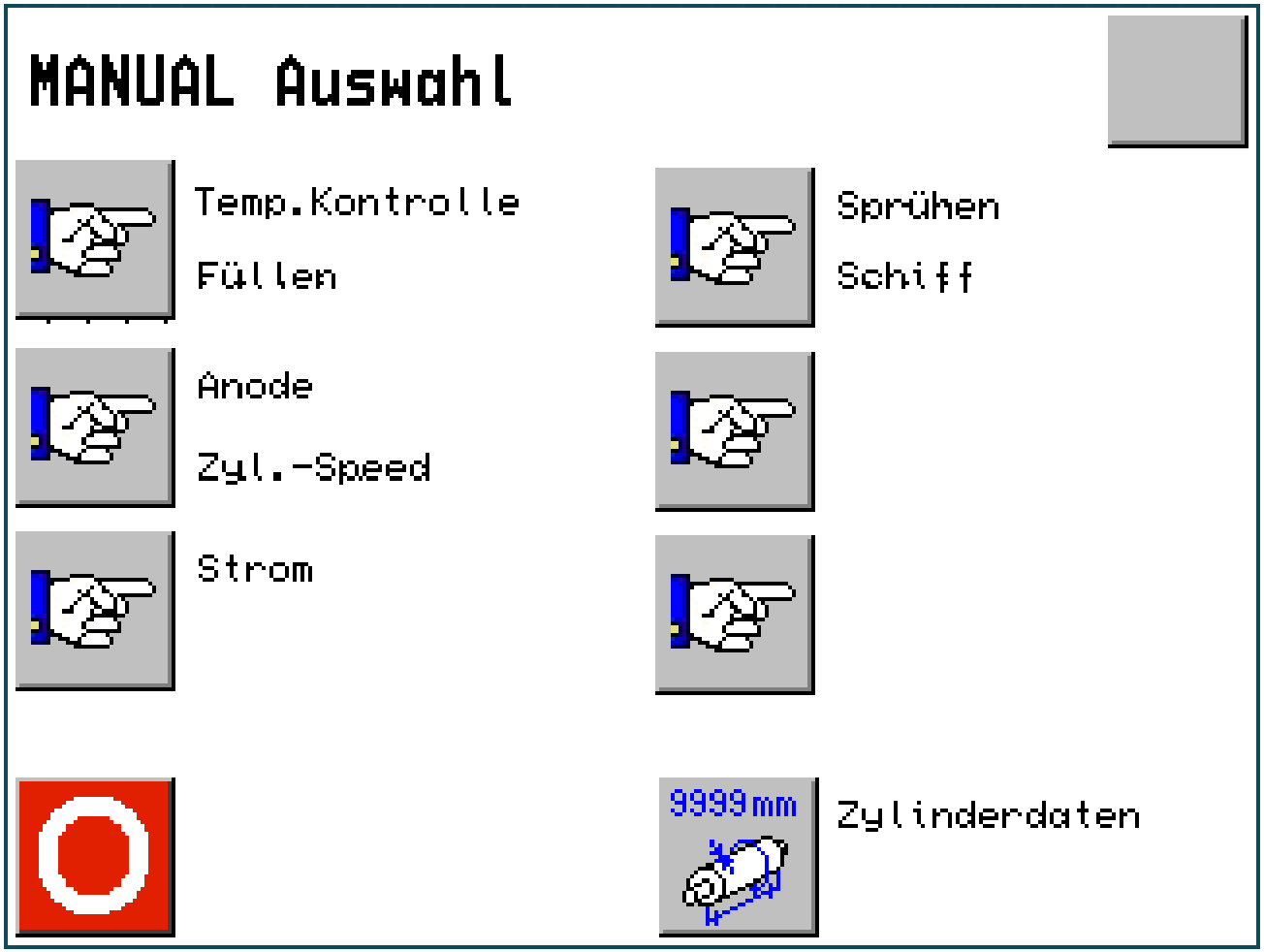

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Telas da aplicação

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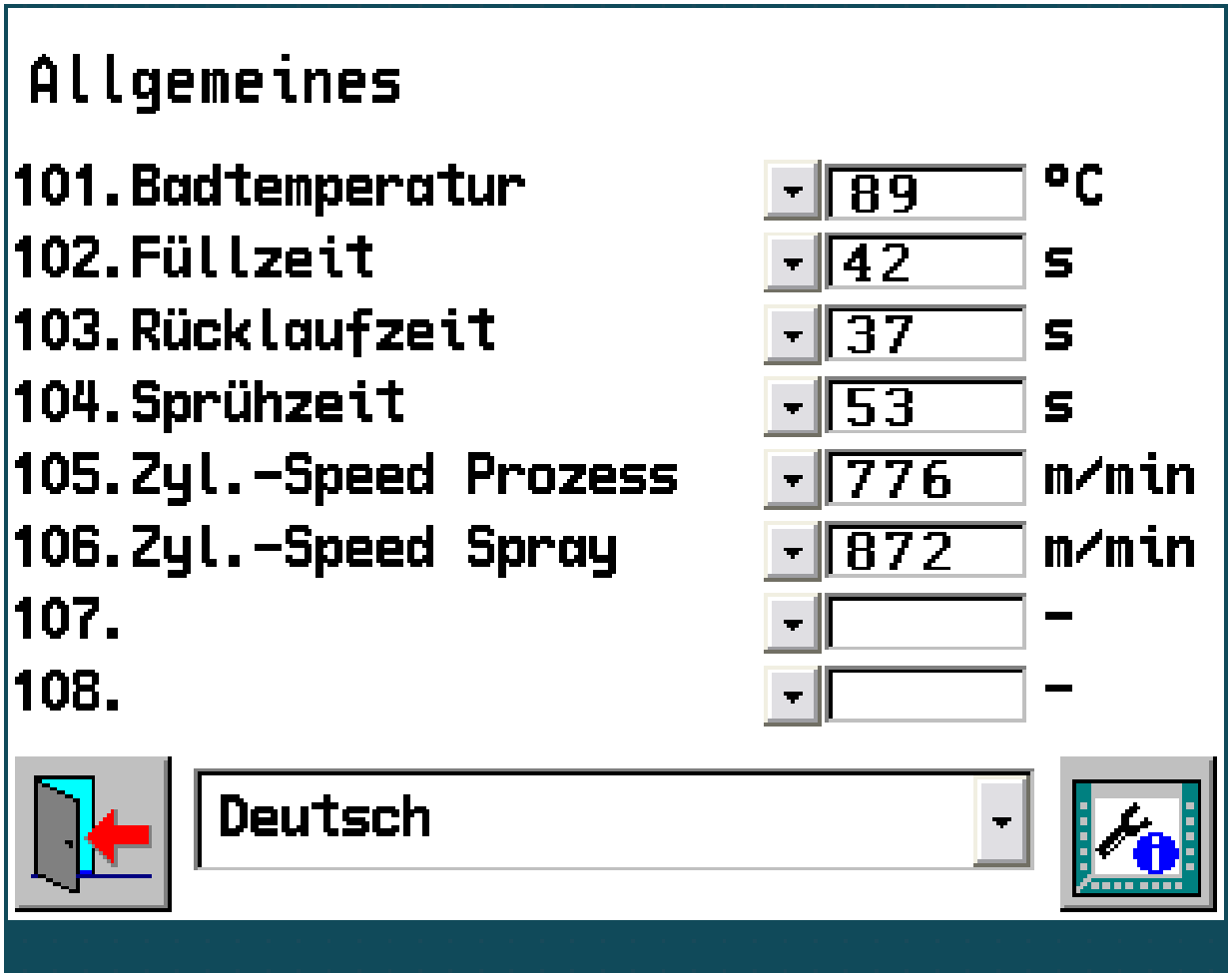

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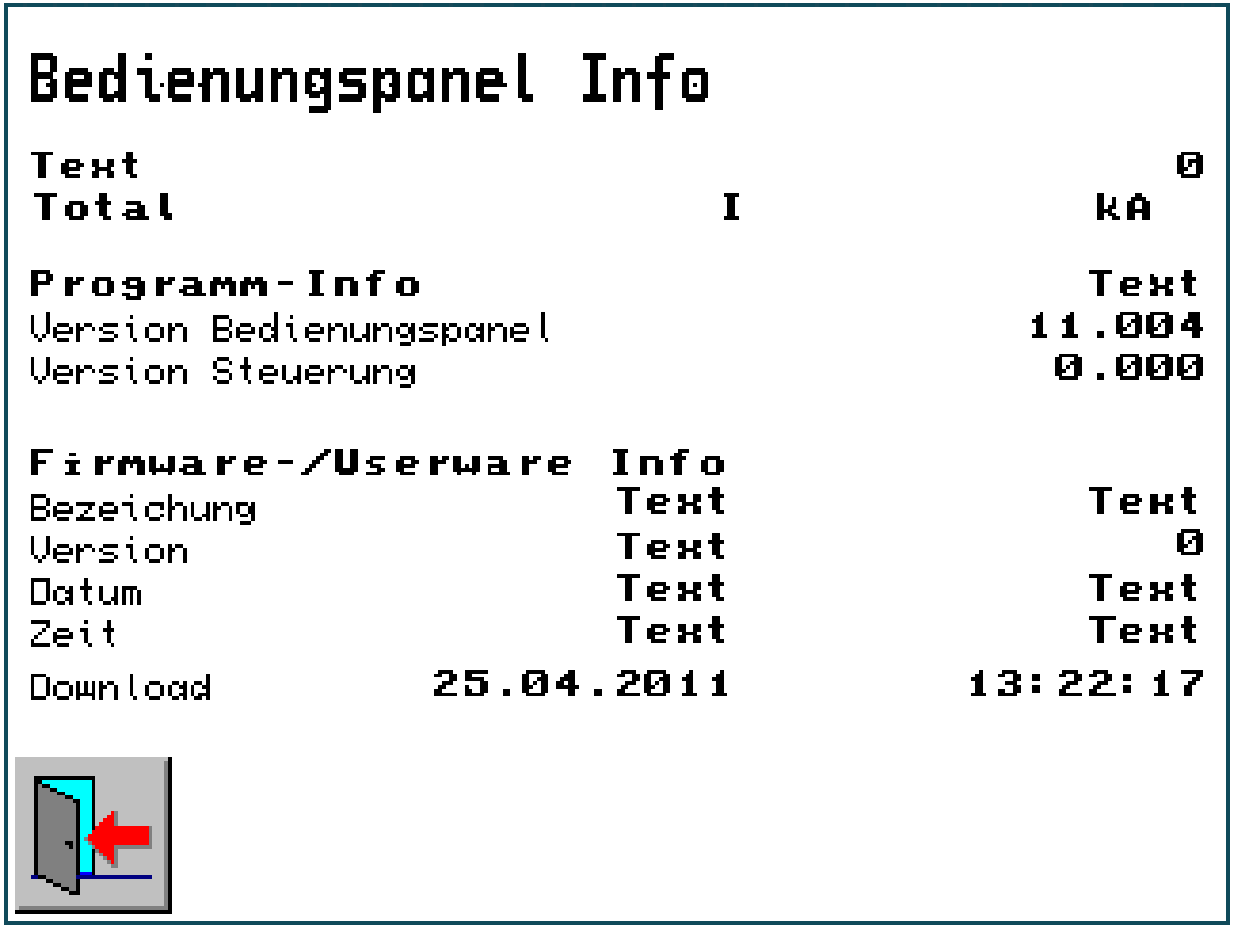

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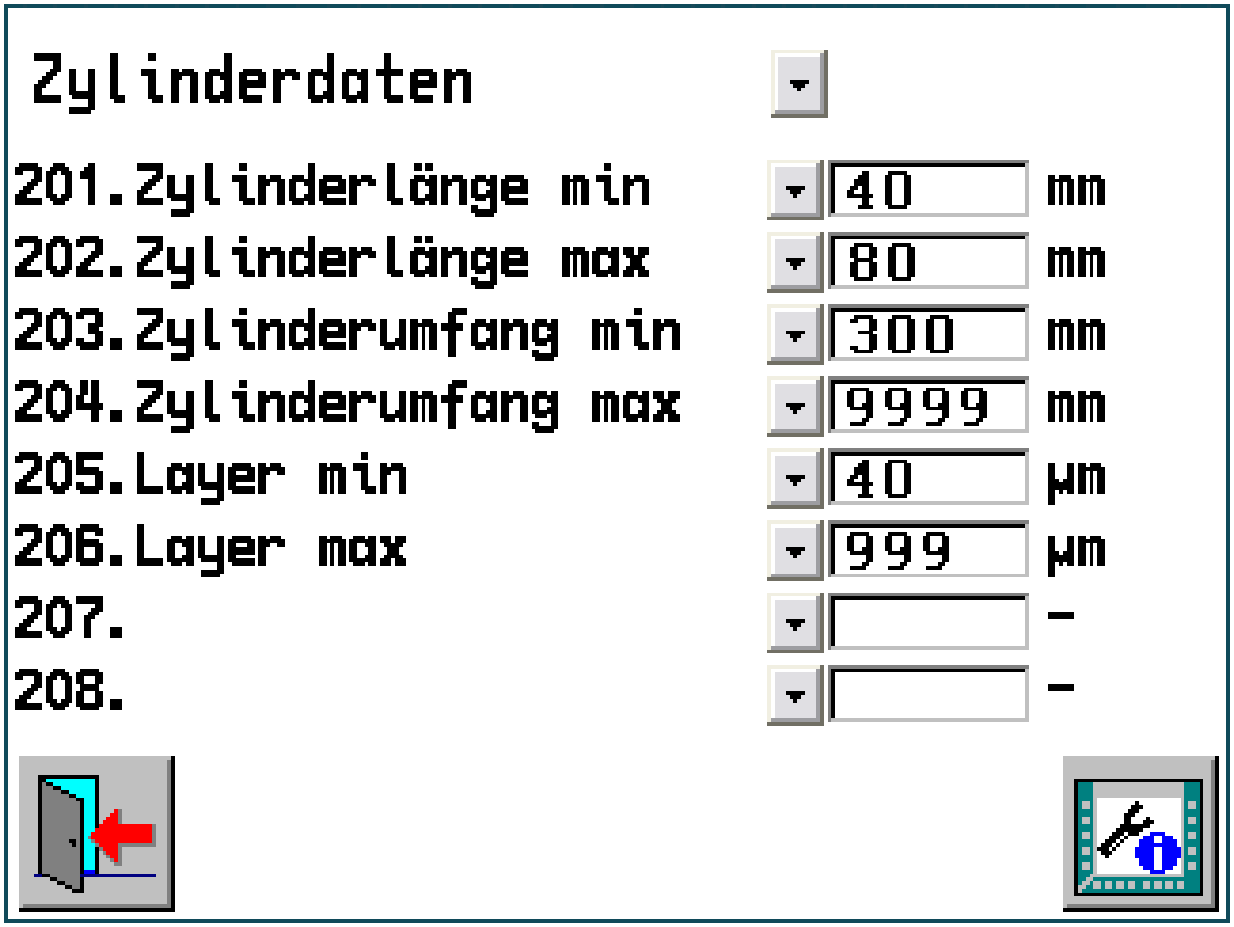

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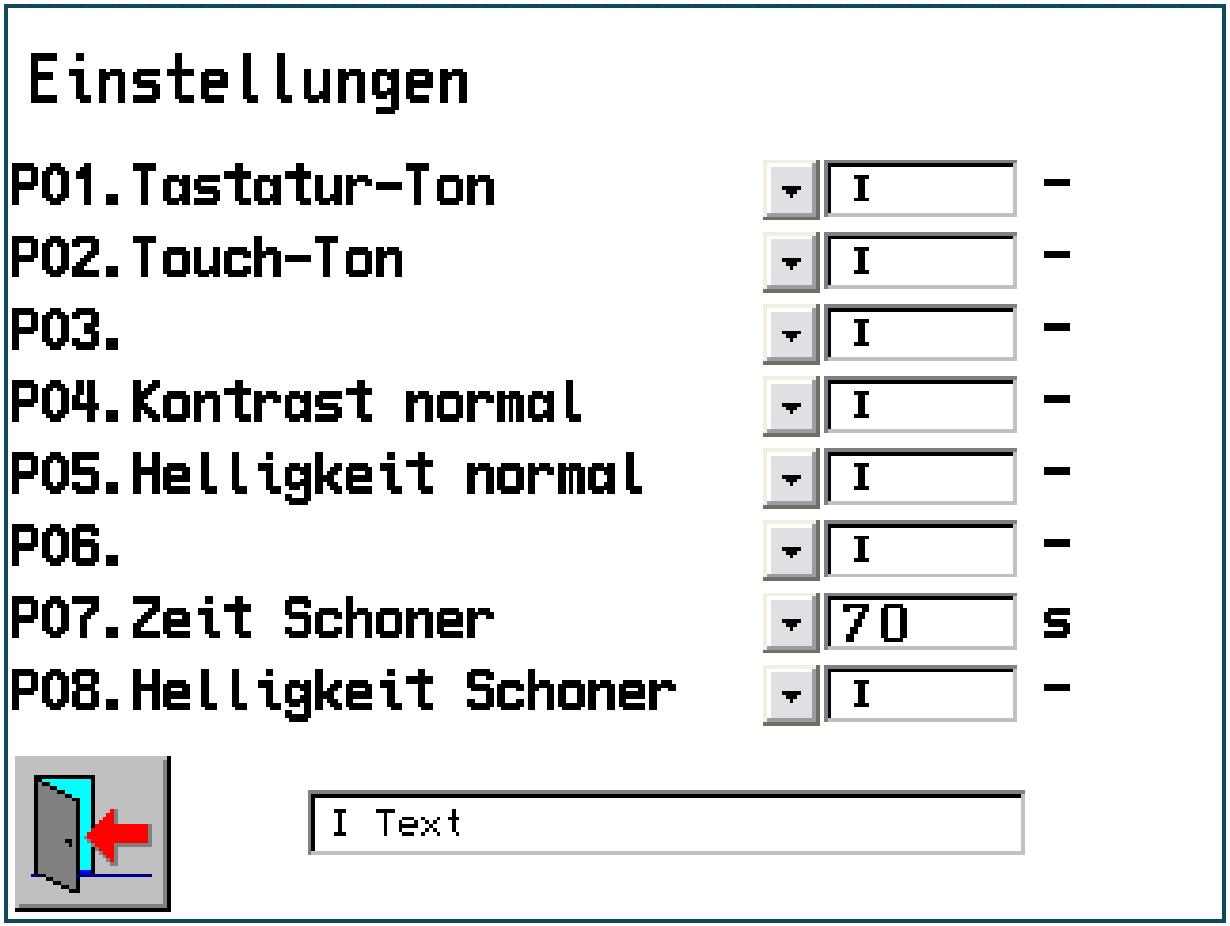

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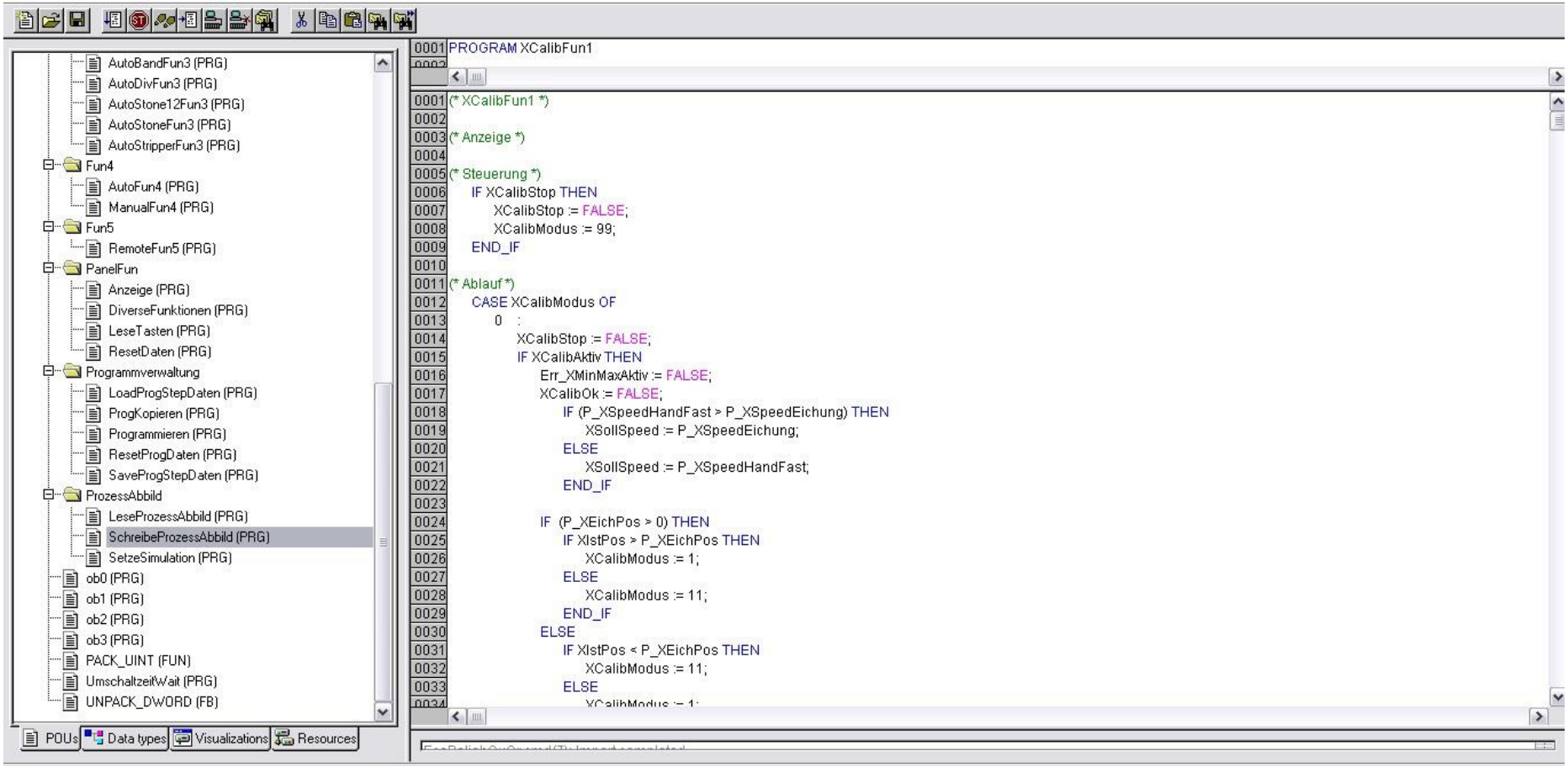
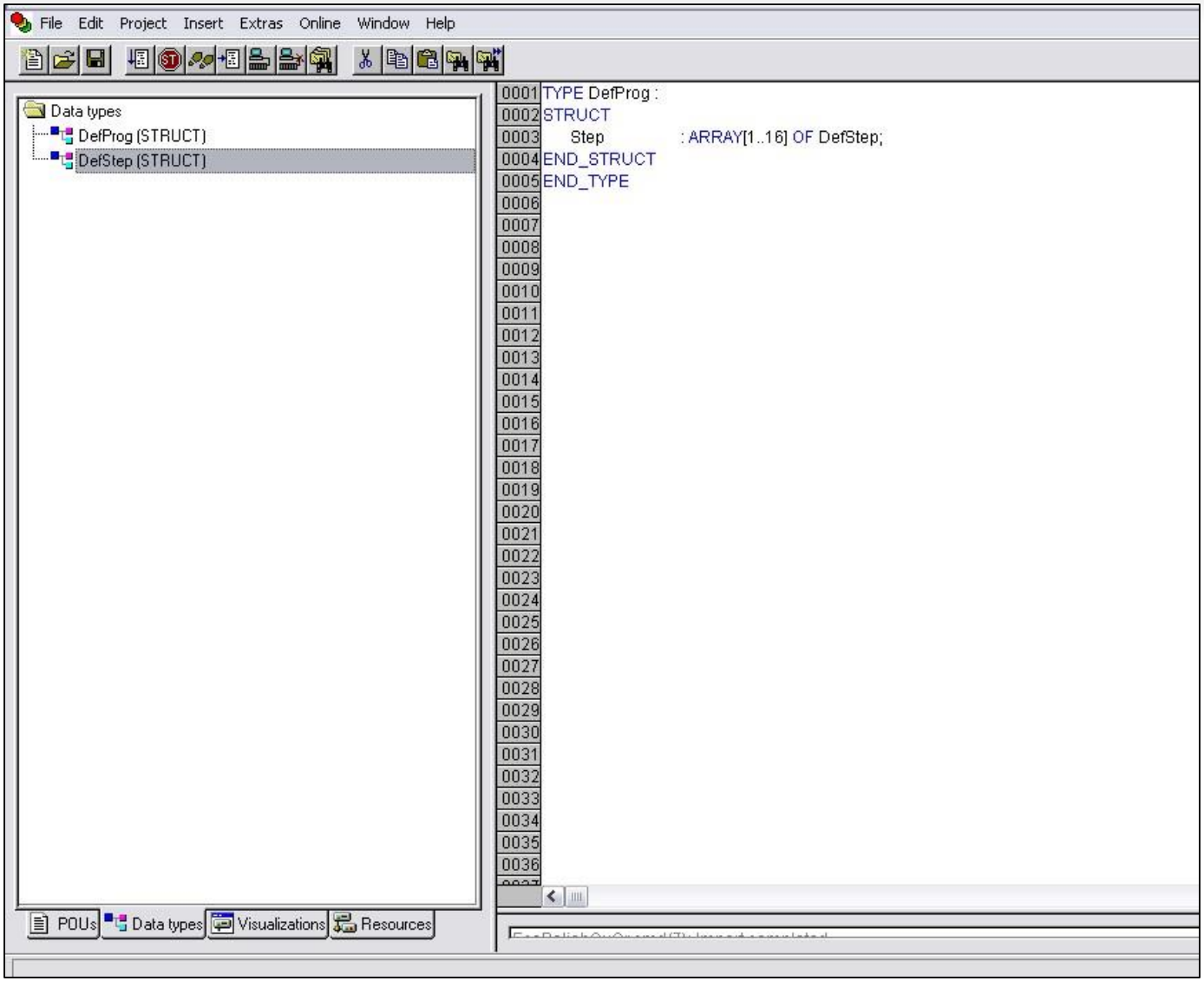
Programação em texto estruturado via CoDeSys



Declaração de variáveis - CoDeSys



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Recursos - CoDeSys

BASE Automação

File Edit Project Insert Extras Online Window Help

- Resources
  - Global Variables
    - CanOpen implicit Variables (CONSTANT)
    - Data_points
    - Datenpunkte
    - Eingang_Ausgang
    - Globale_Variablen
    - Input_Output
    - Variablen_Konfiguration (VAR_CONFIG)
  - library 3S_CanDrv.lib 23.11.10 05:01:58: global variables
    - GlobaleConstant (CONSTANT) <R>
  - library 3S_CANopenManager.lib 23.11.10 05:01:58: globa
  - library 3S_CANopenMaster.lib 23.11.10 05:01:58: global v
  - library Analyzation.lib 23.11.10 05:01:58: global variables
  - library Event02.lib 23.11.10 05:01:58: global variables
  - library IECSFC.LIB 23.11.10 05:01:58: global variables
  - library IO01.lib 15.2.10 05:18:46: global variables
  - library PACK CONVERTIONS_01.lib 21.11.13 15:21:00: g
  - library Pult06.lib 23.11.10 05:01:58: global variables
  - library SYSLIBCALLBACK.LIB 23.11.10 05:01:58: global v
  - library SysLibRtc.lib 23.11.10 05:01:58: global variables
  - library Util.lib 18.5.10 14:14:28: global variables
  - Alarm configuration
  - Library Manager
  - Log
  - PLC - Browser
  - PLC Configuration
  - Sampling Trace
  - Target Settings
  - Task configuration
  - Watch- and Recipe Manager

POUs | Data types | Visualizations | Resources

```
0001 VAR_GLOBAL CONSTANT
0002     CANMAX_RX_INDEX      : INT := 50;
0003     CANMAX_TX_INDEX      : INT := 50;
0004     CANMAX_CALLBACKS     : INT := 4;
0005 END_VAR
0006 VAR_GLOBAL
0007     pCanRxBuffer         : ARRAY[0..MAX_CTRLINDEX] OF ARRAY[0..CANMAX_RX_INDEX] OF CAN_Message;
0008     pCanTxBuffer         : ARRAY[0..MAX_CTRLINDEX] OF ARRAY[0..CANMAX_TX_INDEX] OF CAN_Message;
0009     pCanCallBack         : ARRAY[0..MAX_CTRLINDEX] OF ARRAY[0..CANMAX_CALLBACKS] OF CAN_CallBack;
0010 END_VAR
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Contatos

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