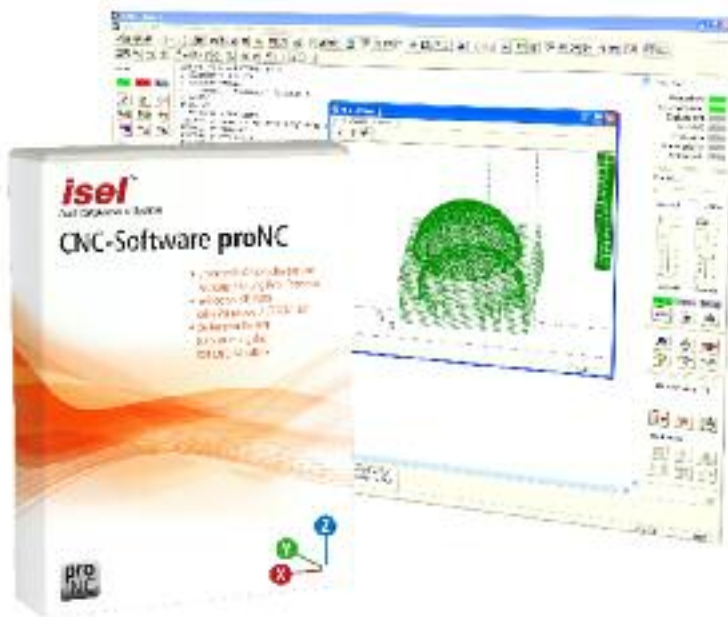


# proNC

## Process automation software for Windows



### General

The basis of any automation solution is a powerful software that enables implementation of practical solutions for existing tasks quickly and conveniently. In these cases, the operating and programming interface ProNC provides an ideal solution.

**proNC** runs with the Windows 2000, XP, Vista, Win7, Win8, Win10 (administrator rights) operating systems.

**proNC** is available for a variety of control systems and controllers from isel

**proNC** applications can be produced to isel-PAL or DIN66025

**ProNC** is outstandingly suited to automation solutions in the milling, drilling, metering, installation, handling, loading and quality control fields, in which application programs are produced mainly in text format, using teach-in-features and the integration of contour data sets (e. g. NCP format).

### Features

- path commands for relative and absolute positioning of the interpolating axes
- programming of additional axes in handling mode
- circular interpolation, helical interpolation, drilling cycles
- repeating loops, counting loops, unconditional and conditional branches
- various mathematical and trigonometric functions
- sub-program systems, symbolic variables
- real and symbol chain variables
- message window, messages in the status line
- loading and storing process variables
- access to digital and analogue inputs and outputs
- "On-the-fly" input/output (without stopping the movement) for metering applications
- access to user-specific extension DLLs
- convenient support for debugging (interruption points, monitoring of status and variable)

### Ordering information

part no.: **Z11-333500**

proNC - software for CAN-CNC controllers (Windows)

Training courses and application solutions to order.

### Features

- programming to DIN66025 (G-codes) or isel-PAL
- compatible with previous software versions (ProDIN, ProPAL)
- integrated text editor with numerous features for rapid and efficient source code processing
- Import of geometric data (NCP, e.g. from isy-CAD/CAM)
- use of up to 6 interpolating and up to 6 handling axes (with CAN controller)
- look-ahead track processing with CAN controller
- up to 4 spindle motors can be used
- up to 4 I/O units can be used (max. 64 inputs, 64 outputs)
- signalling inputs and outputs for process synchronisation
- teach-in-with joystick, keyboard and mouse
- offline programming with simulation modules
- incremental processing, hold points and system monitoring for commissioning
- individually expandable with software libraries
- control panels for movement control, input/output, spindle and tool change with buttons
- control panel for max. 6 handling axes independent of the interpolating axes
- available in german and english