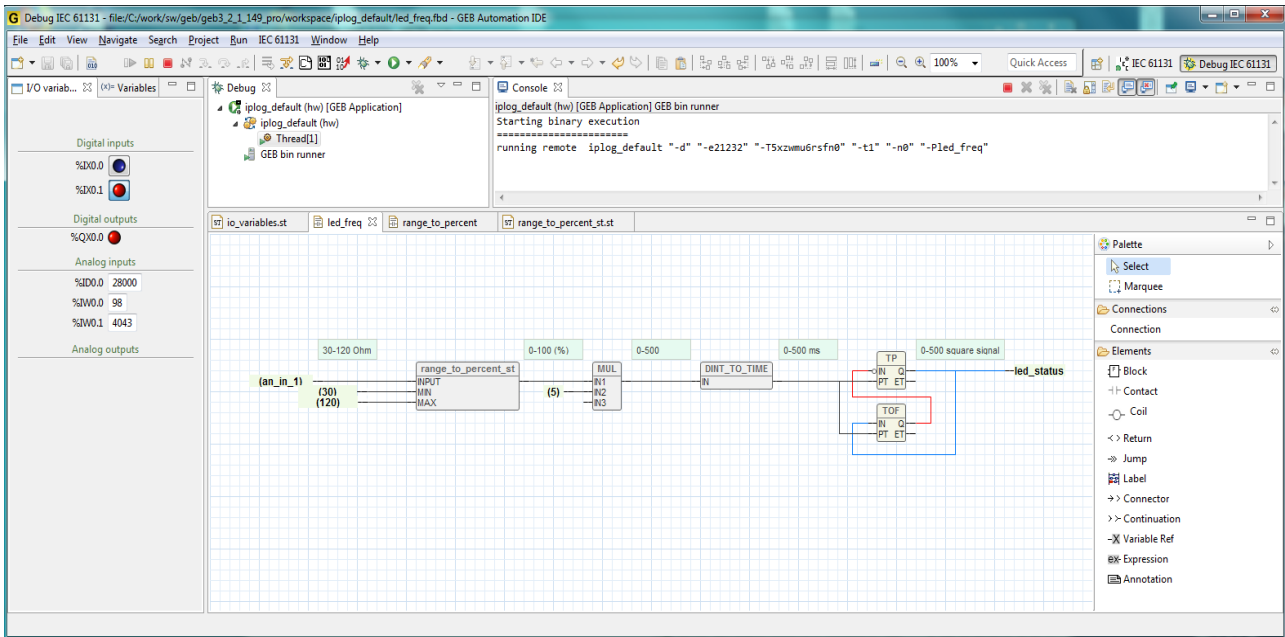


The METEL IEC 61131-3 IDE is software intended for PLCs IPLOG-GAMA programming. The user can write, edit and debug programs in graphical and textual IEC 61131-3 languages. It is a professional tool based on the world wide platform Eclipse IDE. The METEL IEC 61131-3 IDE is extremely easy to use and a powerful programming tool with an excellent price / performance ratio without any payment for programmed devices.



❖ **Compatibility with IEC 61131-3**

METEL IEC 61131-3 IDE (Integrated Development Environment) allows creating and debugging and editing programs in LD, ST, IL and FBD languages. It is compatible with all IPLOG-GAMA PLCs and their IO modules.

❖ **No payment for Programmed Devices**

The METEL IEC 61131-3 IDE license allows the owner to program any number of devices without any additional charges from programmed PLCs. The METEL IEC 61131-3 IDE license has a lifetime guarantee.

❖ **Debug Programs in the Debugger**

The METEL IEC 61131-3 IDE also includes a debugger that allows the user to debug a program on a PC or directly in a PLC.

❖ **Built-in Compiler**

The output of METEL IEC 61131-3 IDE are binary files which are executable directly in the PLC IPLOG-GAMA. Translation takes place directly in METEL IEC 61131-3 IDE without the need to use any other third-party software or tools.

❖ **Learning Tool**

The greatest advantage of METEL IEC 61131-3 IDE is its ability to be used as a learning tool when teaching PLC programming according to the standard IEC 61131-3.

## Graphical Interface

The modern graphical interface leads the user through all stages of the program design. METEL IEC 61131-3 IDE supports window docking and quick switching between different window layouts and a variety of useful features.

The screenshot shows the IDE interface with several callout boxes highlighting key features:

- Compilation:** Open Project, Close Project, Build All (Ctrl+B), Build Project, Build Working Set, Clean..., Properties.
- Debug / Run:** Run (Ctrl+F11), Debug (F11), Run History, Run As, Run Configurations..., Debug History, Debug As, Debug Configurations...
- C / Binary:** Generate C, Generate binaries, Transfer binary, Licence Info.
- View Window:** New Window, Editor, Hide Toolbar, Show View, Perspective, Navigation, Preferences.
- Quick Access:** Previous Choices, Command Windows.
- Projects:** Project Explorer showing a tree view of the project structure.
- Variables:** Ladder Variables table at the bottom.
- Available Elements:** A palette on the right containing various ladder logic symbols like Select, Marquee, Connections, Elements, Block, Contact, Coil, Return, Jump, Label, and Connector.

Var. na...	Data t...	Modifier	Attribu...	Init val...	AT	Comment
L1	BOOL	VAR			%QX55.1	Light
SE	BOOL	VAR			%IX54.1	External s...
SI	BOOL	VAR			%IX54.2	Internal s...
T1	INT	VAR			%QW62.1	Time in ...

## Workflow

