



The MotionGCode library offers the option of reading in G-code files and operating the machine controlled by G-commands and M-commands. This library includes classes for the basic application such as decoding and interpreting the G-code and offers extended functionalities such as support for workrange offsets, defining a basic coordinate system or coordinate transformations and the calculation of different tool defaults. The processing of the G-code can be interrupted and resumed. The MotionLib library is required as a basis.

FEATURES

- NC programming according to DIN 66025
- Support for G-codes, M-functions and technology data
- M functions with support for additional parameters
- M functions with control via time or path conditions of the movement
- Calculation of tool data and workrange shifts
- Calculation of freely definable kinematic transformations
- Continuation and restart at termination point possible
- Classes for setting up a solution with CPU and HMI including communication between both participants

FACTS

Development environment	LASAL CLASS 2
Article number	02-010-189
Performance index	