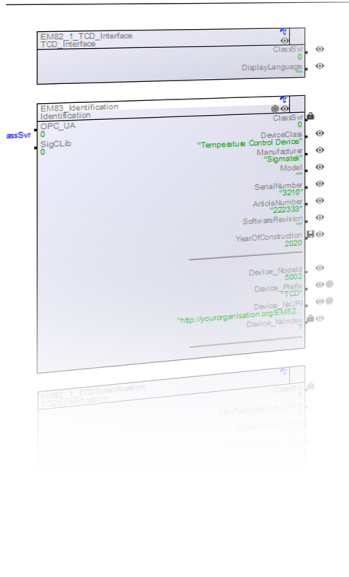


EM82.1 Server

EM82_1_DP_Objects_SRV [RO] OPC-UA Alarms [RO]



The EM82.1 server package serves as a temperature control unit in accordance with the Euromap 82.1 standard. The SIGMATEK system operates as an OPC-UA server.

The Euromap 82.1 standard describes a uniform interface between injection molding machines and temperature control units.

OPC-UA clients of all types can connect with the SIGMATEK server to read status information, define setpoints, send alarms, and much more.

FEATURES

- OPC-UA based interface from temperature control units
- Alarm transfer
- Predefined data objects for data retention
- Secure communication via SSL encryption (optional)

SOFTWARE VERSIONS

Design environment	LASAL CLASS 2
Operating system	RTOS, Salamander

SYSTEM REQUIREMENTS

Performance Index



Memory Requirements of the EM82.1 Server Expansion:

The OPC-UA service (class OPC-UA) requires memory for setting up the OPC-UA standard address space and OPC-UA environment, approx:

Code Size [KB]	3618
User Heap [KB]	1749
LSE Project Size [KB]	0
SRAM [bytes]	0

The EM82.1 server including the DP and alarm objects additionally requires about:

Code Size [KB]	5252
User Heap [KB]	7299
LSE Project Size [KB]	0
SRAM [bytes]	0

COMPONENTS

Library EM82.1 Server

- Contains all classes for starting or updating the software

Application Demo

- Implementation of the Euromap 82.1 server

Documentation

- All class documentation, as well as user and program manual where required

XML

- XML for configuring and mapping the address space