

EM82.1 Server

EM82_1_TCD_Interface TCD_Interface	* 0
TCD_Intenade	ClassSvr
	DisplayLanguage
	Dispray Language
	*
EM83_Identification	
Identification	ClassSvr
OPC_UA	DeviceClass.
SigCLib	"Temperature Control Device"
0	Manufacture "Sigmatek"
	Model
	-
	SerialNumber "3210"
	ArticleNumber
	222335
	SoftwareRevision
	YearOfConstruction
	2020
	Device_Nodeld
	DUV4
	TCD"
	Device, NURI
	"http://yourorganisation.org/EM82 Device_NaIndex
	Device_remove
	47

EM82_1_DP_Objects_SRV [RO] COPC_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	A > B > C > D > E			
Memory Requirements of the EM82.1 Server Expansion:				
The OPC_UA service (class OPC_UA) requires me environment, approx:	emory for setting up the OPC_UA standard address space and OPC_UA			
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

