

EM82.3 Server

EM82_3_LDS_Interface	• 0
LDS_Interface	ClassSvr 💼
	0
	DisplayLanguage
	DeviceEnabled
	O NOBELIABORE C
	**
EM83_Identification	0
Identification OPC UA	ClassSvr 🏚
0	0 DeviceClass
SigCLib	"Temperature Control Device"
0 -	Manufacturer
	"Sigmatek" Model
	SerialNumber
	Articl eNumber
	And enumber
	SoftwareRevision
	YearO fConstruction
	YearOlConstocation
	Device Nodeld
	5001
	Device_Prefix
	Device_NsURI.
	"http://yould gan a device_NaIndex_

EM82_3_DP_Objects_SRV [RO] COPC_UA_Alarms [RO]

The EM82.3 server package serves as a liquid silicone rubber dosing system in accordance with the Euromap 82.3 standard. The SIGMATEK system operates as an OPC-UA server.

The Euromap 82.3 standard describes a uniform interface between injection molding machines and liquid silicone rubber dosing systems.

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 liquid silicone rubber dosing systems
- 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 EM82.3 Se	rver 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 EM82.3 server including the DP and alarm objects additionally requires about:		
Code Size [KB]	4805	
User Heap [KB]	5740	
LSE Project Size [KB]	0	
SRAM [bytes]	16	

COMPONENTS

Library EM82.3 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

