SNL2-E – Serial Network Link with Socket Interface

SNL2-E SINEC-L1 Gateway

☐ **Description**

SNL2-E with Socket Interface is available with SINEC-L1 protocol. The protocol is not loadable compared to the standard SNL2-E but firmly implemented in the device.

SNL2-E SINEC-L1 – the optimal solution for connection of SINEC-L1 networks and Ethernet networks of up to 100 Mbit/s.

The SNL2-E SINEC-L1 Gateway supports SINEC-L1 Master operation with broadcast and interrupt processing. The data of the connected SINEC-L1 Slaves can be accessed in a simple manner via the TCP/IP Socket Interface.

Additional diagnosis details are available as well.

The Gateway stores the developed configuration (polling and alarm list) in the flash memory, which is automatically loaded during start up.
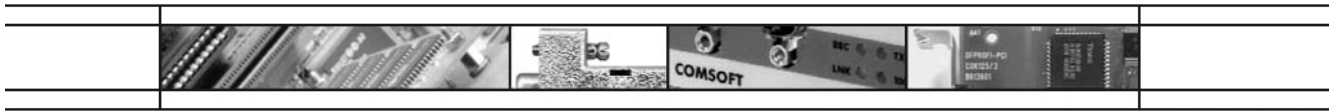
Access via TCP/IP Socket Interface

The Gateway can be directly accessed via Socket Interface by send and receive-calls. It can operate completely independently. On the PC or workstation, no driver needs to be installed, only a TCP/IP connection must be available.

Compared to solutions based on conventional PC communication boards, SNL2-E offers completely new aspects for the connection of PC-based systems:

Hardware/driver installation with its typical problems is bypassed.
Access to the SINEC-L1 interface is possible from every PC in the network.
Trouble-free integration of lower automation levels into the control and design level.

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☐ Technical Data

Interfaces	Ethernet	10/100 BaseT
	Serial	2 x RS232/RS485 (SUB-D 15 pole)
		1 x RS232 (screw terminal, configuration interface)
Baud Rates	Ethernet	max. 100 Mbit/s
	2 x serial RS485 as SINEC-L1 interface up to 9.600 Kbit/s	
	RS232	19,2 Kbit/s asynchronous
	(Configuration interface)	
Supported Protocols	SINEC-L1	

The product is designed in a way that it can only be used as part of large scale stationary industrial tools or large scale fixed installations and can fulfil its function only as part of such equipment. The product, therefore, claims to fall under article 2, para. 4 (c) of the EC Directive 2011/65/EU.

☐ Order Numbers

Order No.	Item
4000-2-S 1 0 -3-*	**SNL2-E Socket Interface with SINEC-L1 protocol**
	Additional Equipment
4000-7-0 0 4 -S	Serial cable set for SNL2-E
4000-7-0 0 5 -S	Ethernet cross-over cable
4000-7-0 0 S -H	Power supply 24 V / 1,3 A with 100 - 240 V power boost for up to 2 SNL2-E/FNL/PRS
4000-7-0 1 S -H	Power supply 24 V / 2 A with 100 - 240 V power boost for up to 5 SNL2-E/FNL/PRS

*   Please complete the order number either with E for a documentation in English or D for a documentation in German.