



SNL2-E – Serial Network Link with Socket Interface

SNL2-E SINEC-L1 / SNL2-E GEM8o (HDLC-UNC) Gateway

□ Description

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

SNL2-E SINEC L1

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.

SNL2-E GEM8o (HDLC-UNC)

SNL2-E GEM8o (HDLC-UNC) – the optimal solution for connection of HDLC-UNC networks and Ethernet networks of up to 100 Mbit/s.

The Gateway supports the operation of up to 180 Kbit/s and can be used as Master or Slave. It is predestined for use with GEM8o programmable logic controllers. These PLCs are widespread and usually communicate via the starnet protocol. The SNL2-E GEM8o (HDLC-UNC) Gateway links them to modern Ethernet networks incorporating the latest MES, ERP and SCADA systems.

Access via TCP/IP Socket Interface

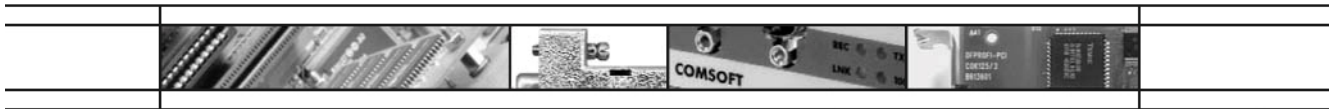
Both variants can be directly accessed via the Socket Interface by send and receive-calls. They can operate completely independently. On the PC or workstation, no driver needs to be installed, only a TCP/IP connection must be available.

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/HDLC-UNC 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
	Serial RS232	1 Mbit/s synchronous , 38,4 Kbit/s asynchronous
	Serial RS485	1 Mbit/s synchronous , 38,4 Kbit/s asynchronous
	RS232 configuration interface	19,2 Kbit/s asynchronous
Supported Protocols	DK3964R/PTS5, freely definable ASCII-Protocol, LSV2, MSV2, HDLC-UNC-2, HDLC Frame Level, HDLC-BAC 2.8, X.25, SINEC-L1	

□ **Order Numbers**

Order No.	Item
4000-2-S 1 0 -3-*	SNL2-E Socket Interface with SINEC-L1 protocol
4000-2-S 1 3 -3-*	SNL2-E Socket Interface with HDLC-UNC 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 / 0,65 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.