

Product	nLink+ EC MR	novasina The Art of Precision Measurement
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nLink+ EC MR for external nSens probes with Modbus Output



ModbusRTU transmitter for installation in electrical cabinets on mounting rails.

Configuration with USB cable for Windows PC.
Configuration possible without external power supply.

Compatible with all exterior nSens sensor (such as nSens-HT-EIS, Sens-dP etc) and extension cables.

Art. Nr. 2602240 nLink+ EC MR (no sensor included)

Technical Data

Name	nLink+ EC MR
Power supply	24V DC, Permissible voltage range: 5 to 48VDC
Power consumption	<0.5W
Display	none
Outputs	ModbusRTU (all climate values and diagnostic information as described in the Modbusregister)
Status LED	LED for power On, LED for nSens connected
Housing material	PA6.6 (UL94V0), mounting rail holder
Protection class	none, installation in protected cabinet required
Soldering material	lead free (RoHS compliant)
Working temp.	0 to 50°C
Storage temperature	-10 to 60°C (non-condensing)
CE-/EMC	Safety: EN 61010-1:2020 EMC: IEC 61000-6-2:2016, EN 61000-6-2:2019 IEC 61000-6-3:2020, EN 61000-6-3:2007+A1:2011

Electrical Installation

	Wire specification
Clamping range	0.13 - 1.5mm ² (Push-in Spring clip)
Wires:	w. plastic collar ferrule DIN 46228/4: 0,25 - 0.75 mm ² w. wire end ferrule DIN 46228/1: 0,25 - 1.50 mm ² Solid, min. H05(07) V-U 0.2 - 1.50 mm ² Wire connection cross section AWG28 - 14

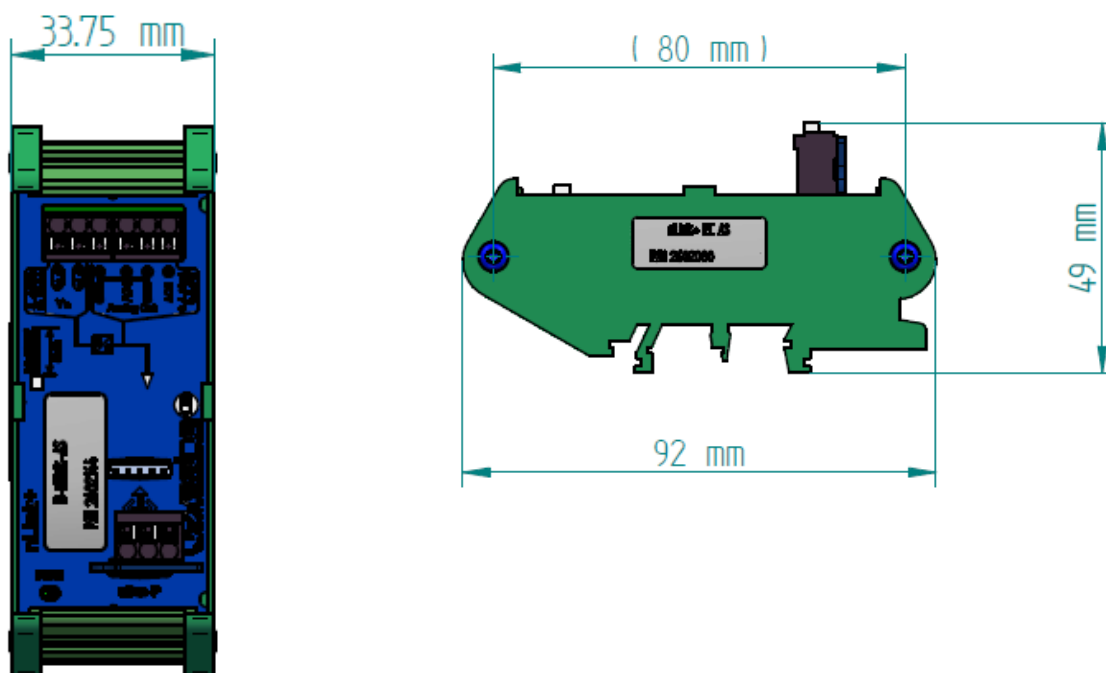
Cable specifications depend on the installation and have to be defined by the designer or installer. Heavy machinery and other instrumentation should not share the same power supply wiring. Use noise filters and surge protectors if required.

For EMC protection it is recommended to take the following measures:

- Wires emitting interference must be separated from measurement and analysis units
- Parallel guidance of measurement cables and electrical power cables must be avoided, use different channels with separation (see European Standard EN50170 for detailed information)

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Dimension & Schematics



Sensor cables and Configuration set

nSens cable with end sleeves	Configuration cable: nlink-USB&CA3
Connects nSens with Transmitters using push in clips (3 wire connection)	Configuration cable for nLink-Analog to Android or Windows PC. Software available for download
	
<u>260 1080</u> nSens-cable 5m <u>260 1079</u> nSens-cable 10m <u>260 1078</u> nSens-cable 30m <u>260 1225</u> nSens-cable 60m <u>260 1226</u> nSens-cable 100m	260 1818 nlink-USB-CA3 (complete set)

Technical data subject to change without prior notice