nLink+ EC AS for external nSens probes (mounting rail version, 2 analog output)

Dual channel transmitter for installation in electrical cabinets on mounting rails.

Configuration with USB configuration cable for Android smartphones or Windows PC.
Configuration possible without external power supply.

Compatible with all exterior nSens sensor (such as nSens-HT-EIS, Sens-dP etc), requires suitable nSens cables up to 100 meters.

Art. Nr. 260 2080 nLink+ EC AS (no sensor or cable included)

Technical Data

Name	nLink+ EC AS (Art-Nr 2602080)
Power supply	24V DC, Permissible voltage range : 5 to 39V
Power consumption	<0.5W
Display	none
Analogue outputs (2 outputs) 2* 0/4 - 20mA or 2* 0/2 - 10V	2 scalable analogue outputs, current 0/4..20mA or voltage 0/2..10V Accuracy <0.05% of span Linearity <0.05% of span Temperature effect 0.005% of span / °C Load (I): min. 0 Ω / max. 500 Ω or (Uin-2V)/Imax Load resistance (U): min. 10 kΩ / max. ∞ Ω
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

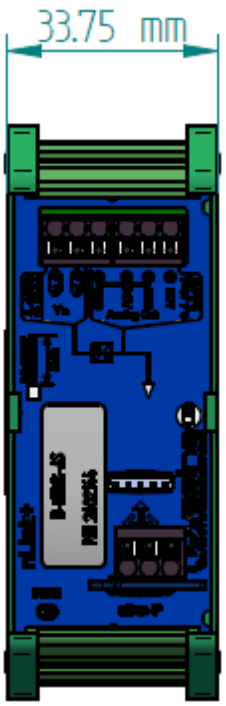
Electrical Installation

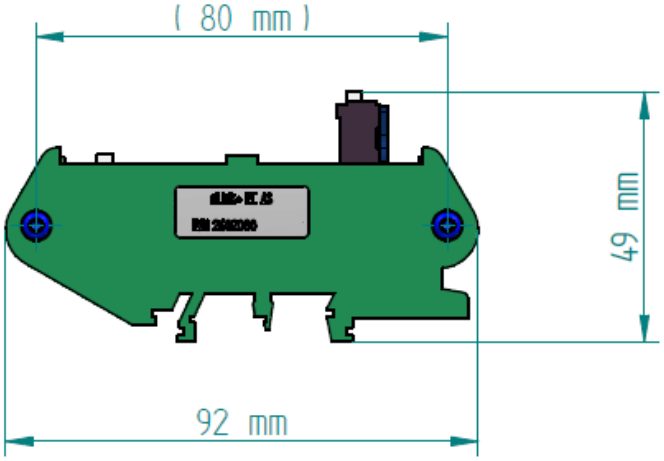
	Wire specification
Clamping range	0.13 - 1.5mm² (Push in Spring clip)
Wires:	w. plastic collar ferrule DIN 46228/4: 0,25 - 0.75 mm² w. wire end ferrule DIN 46228/1: 0,25 - 1.50 mm² Solid, min. H05(07) V-U 0.2 - 1.50 mm² Wire connection cross section AWG28 - 14

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)

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
	
260 1080 nSens-cable 5m 260 1079 nSens-cable 10m 260 1078 nSens-cable 30m 260 1225 nSens-cable 60m 260 1226 nSens-cable 100m	260 1818 nlink-USB-CA3 (complete set)

Technical data subject to change without prior notice