nLink ModbusRTU Transmitter (for 1 nSens)

A single channel transmitter for ModbusRTU/RS485 installation.

Configuration directly through ModbusRTU or use nCom485 USB cable and PC Software.

Compatible with all nSens sensor (such as nSens-HT-ENS, nSens-HT-CSS etc), connect directly on nSens or use extension cable.

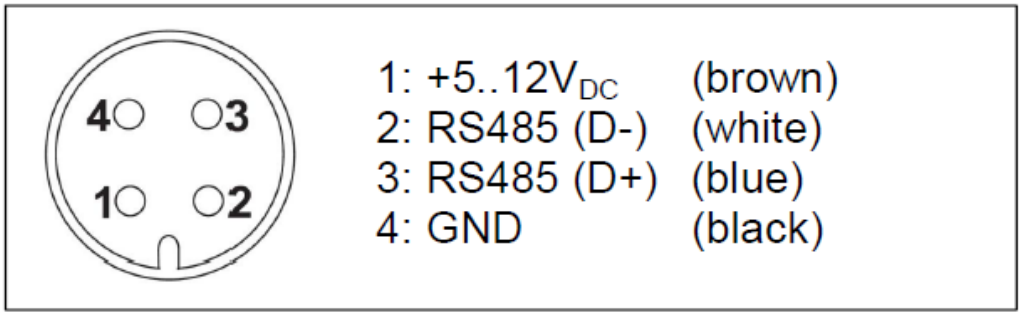
Technical Data

Name	nLink-ModbusRTU (Art-Nr 2601095)
Power supply	10V DC Permissible voltage range : 5 to 12VDC
Power consumption	<0.5W
Display	none
Outputs	ModbusRTU (all climate values and diagnostic information as described in the Modbusregister)
Housing material	PVDF black
Protection class	IP67
Soldering material	lead free (RoHS compliant)
Working temp.	-20 to 80°C
Storage temperature	-10 to 60°C (non-condensing)
CE-/EMC	Safety: IEC 61010-1:2010 EMC: IEC 61000-6-2:2005, EN 61000-6-2:2005 IEC 61000-6-3:2006+A1:2010, EN 61000-6-3:2007+A1:2011

Electrical Installation

Refer to implementation guidelines on Modbus.org**.**

Pin Assignment as follows, use M12 screw connector .



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.

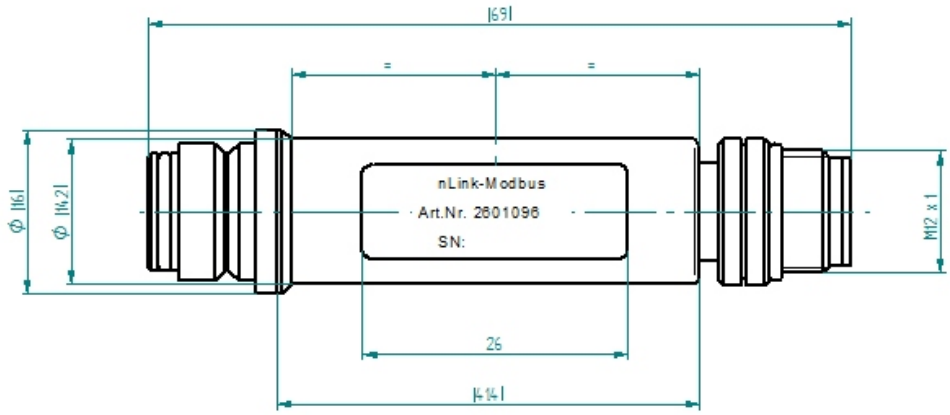
For EMC protection it is recommended to take the following measures:

- 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)

Cables and Configuration set

nSens cable **extensions**	**M12/4 Modbus cable**	**nCom-485 USB**
Extension cable between nLink Modbus and nSens. .	M12 connection cable with 4 open cables for RS485 wiring	Configuration cable for nLink-Modbus to USB / Windows PC Software available for download
260 1136 nSens Extension 5m **260 1201 nSens Extension 2m**	**260 1135 Bus cable length 2m** **260 1349 Bus cable length 10m**	**260 1125 nCOM485**

Dimension



Technical data subject to change without prior notice