netLINK PROXY

PROFIBUS to PROFINET PROXY in plug format

Highlights

- **Integrates a single DP-Slave into PROFINET network**
- **For direct mounting on DP interface**
- **Compatible to any PROFIBUS Slave**
- **Automatic GSDML file generation from GSD file for PROFINET controller configuration**
- **Works in accordance with PI-organization's proxy guideline**

netLINK PROXY integrates a PROFIBUS-DP slave into any superordinate PROFINET network. As connector the device is plugged directly onto the PROFIBUS-DP interface of the DP-Slave and connects to the PROFINET network via the RJ45 socket.

On PROFINET side netLINK behaves like an ordinary IO device. The DP-Slave's process data are mapped in accordance with the present PI-organisation's guideline into the PROFINET slot/subslot addressing model. Commissioning is done via the Ethernet port with either a direct connection to the PC or if already installed and during run time via a PROFINET switch. netLINK PROXY is configured with the FDT/DTM based planning, configuration and diagnostic tool SYCON.net.

With few steps netLINK is getting operative. In case there is no slave GSD file available, a scan function is able to identify the slave on PROFIBUS. After the configuration and the I/O process data length is known, SYCON.net converts the parameters automatically into a standardized GSDML file. This file imports to any PROFINET controller configuration utility and gets netLINK into operation effortless.

The netLINK Proxy is supplied by 24 V. During mounting the voltage can be tapped comfortably from the DP-Slave and be led to the 2-pin COMBICON connector. The short distance on PROFIBUS makes a terminator unnecessary.

netLINK PROXY – a cost-efficient and handy alternative to redevelopments to get existing DP devices integrated straightforward into the PROFINET world.

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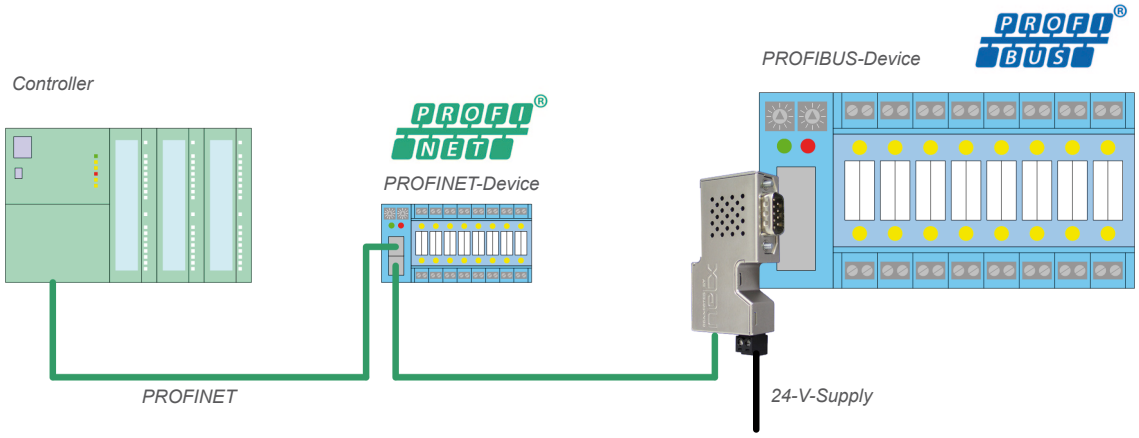
Technical Data/ Product Overview

Application

The following illustration shows a typical application of one or more netLINK PROXIES in an automation plant equipped with PROFINET network



netLINK PROXY is plugged directly onto the PROFIBUS-DP connector of the slave. It is powered by 24 V. The RJ45 PROFINET jack is to be connected to PROFINET. The PROXY is configured via a PC with the configuration tool suite SYCON.net. The DP-slave configuration data is identified by scan and GSD file. Based on this configuration SYCON.net generates a GSDML file for the PROFINET controller configuration.

Technical Data

Parameter	Value
Processor	netX 50
Connectors	Mini-COMBICON 2-polig RJ45-female connector, DSub 9-pin male connector
LED indicators	SYS, COM, Link, Rx/Tx
Powe Supply	18 … 30 V / 100mA @ 24V
Dimensions(L x B x H)	65 x 48 x 16 mm
Operating Temparature	0… 50 °C

Parameter	Value
Mounting	onto PROFIBUS female connector
Weight	40 g
CE Sign	yes
Emission	CISPR 11 Class A
Noise Immunity	EN 61131-2:2003

Note: *All technical data can be altered without notice.*

Overview

Article	Article Number	Article Description
NL 51N-DPL	1703.430	netLINK Proxy Ethernet PROFIBUS-DP-Link

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