



NETLink

AN I71 Netlink setting examples

4neXt S.r.l.s.

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4neXt is an established group of experts that designs and manufactures products for the **automation**, **collection** and **management** of data in M2M and IoT applications. Our product lines include: configurable data loggers, programmable RTUs, communication gateways, protocol converters, bridges and wireless sensors.



Netlink

AN I71 Point to Point and Point to Multipoint communication

POINT TO POINT

Slave device has a serial port

ModBus RTU slave ID:1
Netlink local address: 201
Netlink remote address: 100



ModBus RTU master
Netlink local address: 100
Netlink remote address: 201



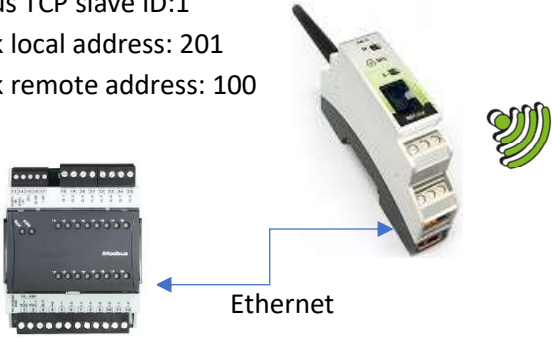
PLC ModBus Master

Either RTU or TCP

POINT TO POINT

Slave device has an ethernet

ModBus TCP slave ID:1
Netlink local address: 201
Netlink remote address: 100



Ethernet

Netlink address: 192.168.10.1

I/O module address: 192.168.10.2

TCP client	
remote device IP address	remote device IP port
192.168.10.2	502



ModBus RTU master

Netlink local address: 100

Netlink remote address: 201



PLC ModBus Master

Either RTU or TCP

POINT TO MULTIPOINT

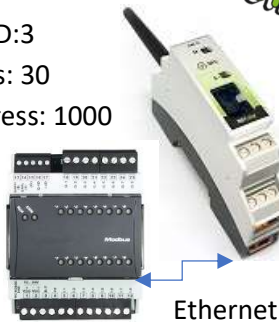
ModBus RTU slave ID:1
 Netlink local address: 10
 Netlink remote address: 1000



ModBus RTU slave ID:2
 Netlink local address: 20
 Netlink remote address: 1000

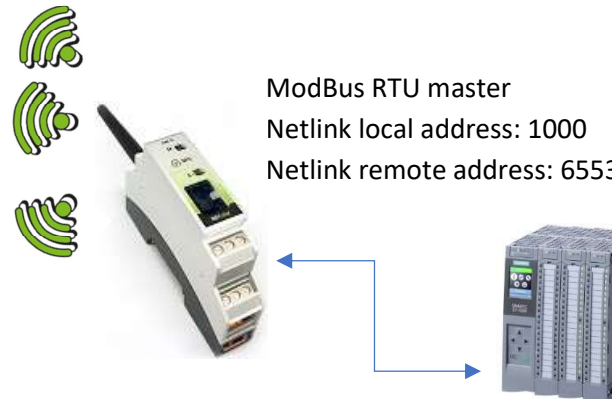


ModBus RTU slave ID:3
 Netlink local address: 30
 Netlink remote address: 1000



Ethernet
 Netlink address: 192.168.10.1
 I/O module address: 192.168.10.2

ModBus RTU master
 Netlink local address: 1000
 Netlink remote address: 65535



PLC ModBus Master
 Either RTU or TCP

Netlink settings:

TCP client	
remote device IP address	remote device IP port
192.168.10.2	502

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