C | Logline

METZ CONNECT
We realize ideas

Description of Application Software

General: Adaptation to a WAGO-LON interface

LF-DI4 | P/N 1108501319 | 24 V AC/DC

ProgramID: 90:00:00:00:00:0A:04:96

LDE 4 | P/N 1104111319 | 24 V AC/DC
LDI 4 | P/N 1104111319-US | 24 V AC/DC
LDE 4 IP65 | P/N 1104111319IP | 24 V AC/DC
ProgramID: 90:00:00:00:00:8A:04:96

Quick facts

Standard application, where the network variable can be additionally configurated in the format SNVT_state so that the input states can be issued by the designated Bits.

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Mounting instruction see www.metz-connect.com

Description of Application Software

General: Adaptation to a WAGO-LON interface

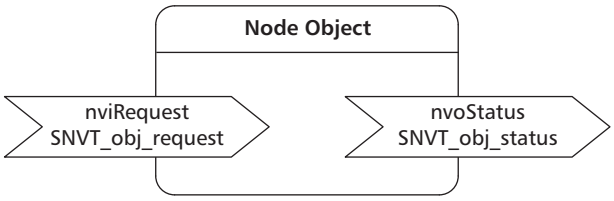
LF-DI4 24 V AC/DC

ProgramID: 90:00:00:00:00:0A:04:51

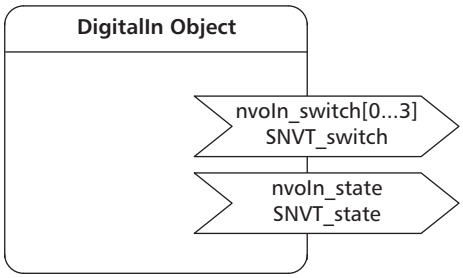
LDE 4 | LDE 4 IP65 | LDI 4 24 V AC/DC
ProgramID: 90:00:00:00:00:8A:04:51

Function:

Standard application, where the network variable can be additionally configurated in the format SNVT_state so that the input states can be issued by the designated Bits.



The Node Object monitors and controls the functions of the different objects in the device. It supports only the basic functions Object-Status and Object-Request required by LonMark.



nvoIn_switch[0...3] **SNVT Type SNVT_switch**

Status of the inputs. The output variables are issued after the change of the input status, at the end of the preset time for a forced update (nciMaxSendTime) or after a reset of the module.
Example:
Contact closed nvoIn_switch[0...3] = 100.0 1
Contact open nvoIn_switch[0...3] = 0.0 0

nvoIn_state **SNVT Type SNVT_state**

Status of all inputs. The issue of the inputs can be shifted by four Bits each with the variables nciSwitch. The output variables are issued after the change of the input status, at the end of the preset time for a forced update (nciMaxSendTime) or after a reset of the module.

Assignment: nvoIn_state.bit0 = input 1 … nvoIn_state.bit3 = input 4

Contact closed nvoIn_state.bit[0...3] = 1
Contact open nvoIn_state.bit[0...3] = 0

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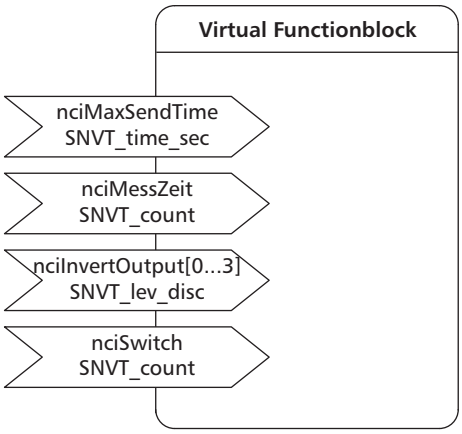
Description of Application Software



nciMaxSendTime **SNVT Type SNVT_time_sec**

All output variables nvo described above are issued after a preset period of time even without a change of status. Thus the device reports periodically to the system.

Value range:

0	timer deactivated
0.1 to 6553.4	timer time in seconds time in steps of 100 ms / factory setting: 0)

nciMessZeit **SNVT Type SNVT_count**

The input states are scanned during the preset time. Then the output variables nvoIn_switch and nvoIn_state are set and issued.

Value range: 120 to 60,000 measured time in ms (factory setting: 120)

nciInvertOutput[0...3] **SNVT Type SNVT_lev_disc**

Inversion of input message.

nciInvertOutput[0...3] = ST_ON
Input contact open nvoIn_switch = 100.0 1

nciInvertOutput[0...3] = ST_OFF
Input contact closed nvoIn_switch = 100.0 1

nciSwitch **SNVT Type SNVT_count**

The input states are switched to the respective 4 Bits of the network variables nvoIn_state.

nciSwitch = 0 input states: nvoIn_state.bit0...3
nciSwitch = 1 input states: nvoIn_state.bit4...7
nciSwitch = 2 input states: nvoIn_state.bit8...11
nciSwitch = 3 input states: nvoIn_state.bit12...15