

Connection BUS converter NSR-0801

Connection **to**
emitter of SULG-A4

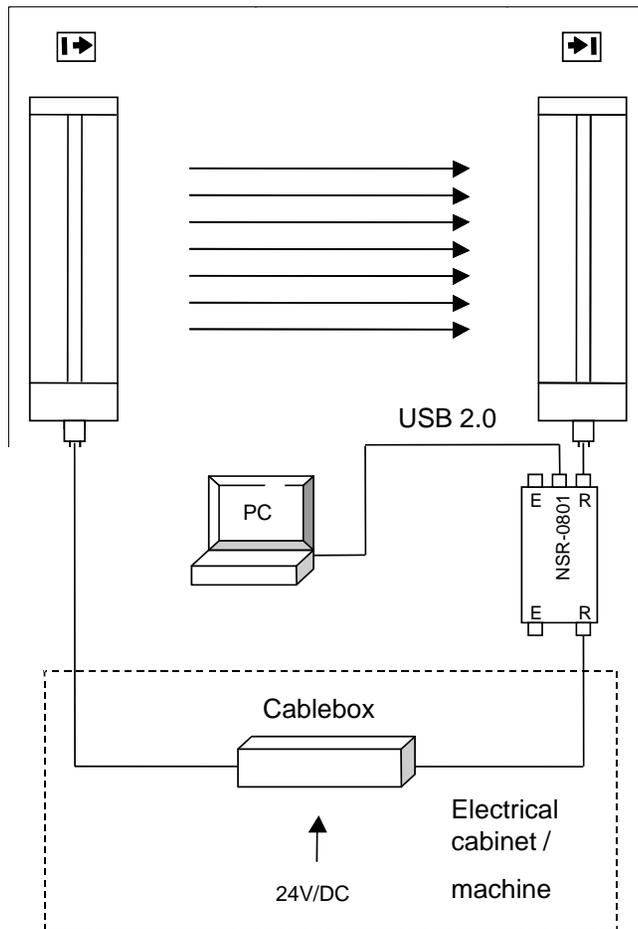
Connector of emitter **from**
SULG-A4 (M12 x 1, 4 pin)

Connector USB 2.0



Connection **to**
receiver des SULG-A4

Connector of receiver
from SULG-A4 (M12 x1, 8



Using of NSR-0801

- **Diagnostics:**

- Ø Operating status
- Ø Arrangement quality and error indicator
- Ø Connector e.g. restart- signal, muting sensors
- Ø Calculation of safety distance

- **Parametrisation of functions:**

- Ø Blanking fix- and floating, beam coding, Relay control (EDM), start interlock
- Ø Muting
- Ø Cycle, 1 to 8 cycle
- Ø Saving of activ configuration

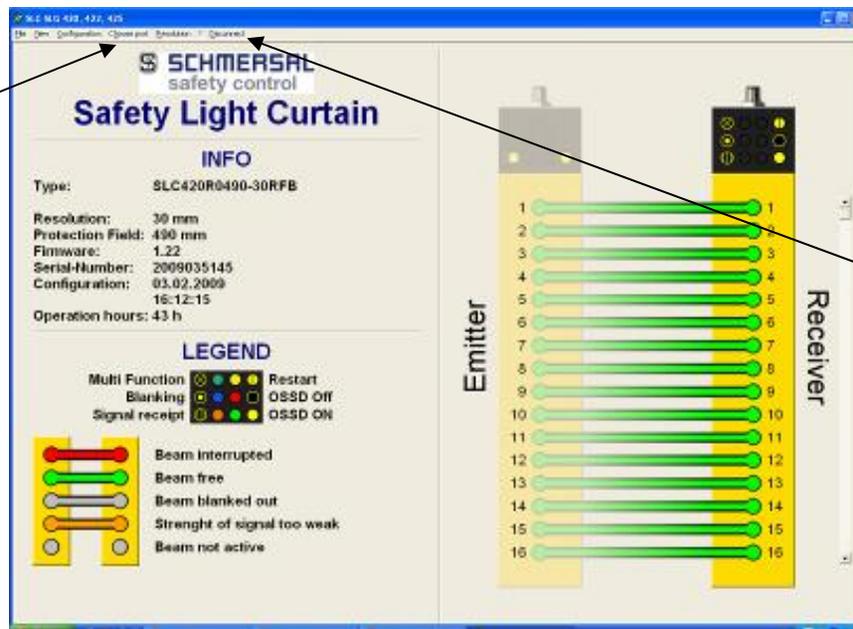
What is to consider - Hardware?

- 1) Switch- off power supply of SULG-A4
- 2) Connecting cable of control cabinet from **SULG-A** with NSR-0801
< **emitter** o**r** **receiver** > (do not connect both at once)
Connection: Receiver for all functions
(Emitter for beam coding only)
- 3) Connecting cable box M12 from NSR-0801 to SULG-A
- 4) Switch-on power supply
- 5) Connecting USB- cable to PC/Laptop
- 6) Start software (more info next page)
- 7) LED's on emitter signalise a connection with **SULG-A4** and software
(LED red and green flashing)

What is to consider - Software?

- 1) Unpack and install: SLC4Instkunde.zip
- 2) Start data file: installation.exe
- 3) Choose language: German or English
- 4) Install- Assistant: confirm twice
- 5) Start software – receiver and emitter scale

Port select:
USB or COM



Check connection:
connect respectively
disconnect

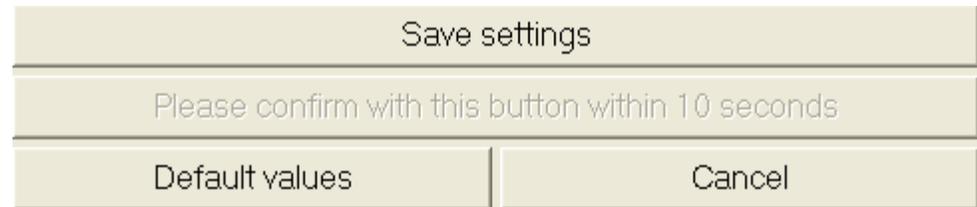
Change configuration:

- password required: 1 2 3 4



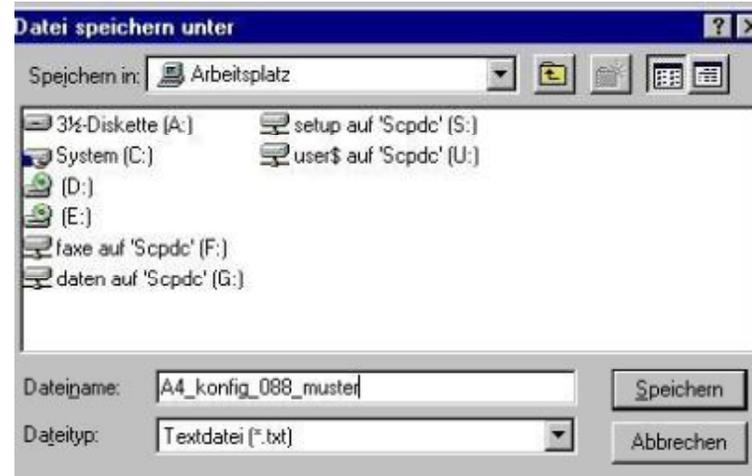
Transfer configuration:

- Save settings
- Confirm within 10 seconds
- Save configuration to text file



Saving of configuration:

- Version with data of SULG
- Date and agent
- All specifications



safety distance calculate

Safety distance

Calculation safety distance (safety light curtain)

Safety category:

Cat. 2 Cat. 4

Resolution d (14..500 mm):

14

Distance emitter-receiver D (300..50000 mm):

300

Machine after running time (ms):

0

Safety light curtains and switch units (ms):

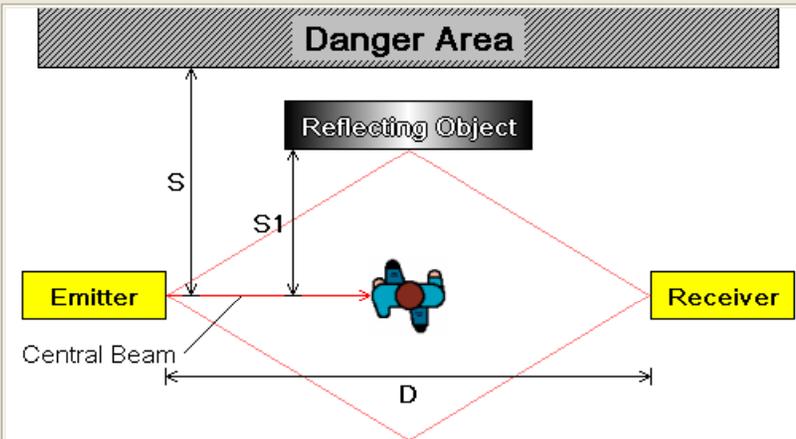
0

Total response time (ms):

0

Safety distance to the dangerous place (mm): S= 0

Safety distance to reflecting surface (mm): S1= 131



Attention:

The calculations are based on the data of the EN 999. Consider all country-specific defaults for the determination of the safety distance outside of European Union area. All safety data in the manual are to be considered. For the determined safety distances we do not take over any liability.

Safety references

Exit