

LUNA 133 9 200 EIB/KNX

Transmitter for brightness values

1. Use

The combined sensor **LUNA 133 EIB/KNX** is suitable for the measurement of brightness in the EIB building control system. The measured value will be sent on the bus.

2. Safety

Installation and connection of electrical appliances may be carried out by an expert in electrical engineering only.

The national regulations and safety rules must be observed. Please observe the rules and instructions in the ZVEI / ZVEH Manual for Building Control Systems to correctly lay the bus cables and to correctly perform the initial operation of the EIB devices.

Interventions in and modifications to the device will invalidate the expiry of the warranty.

3. Measuring ranges

Measuring range for the brightness measurement

1 to 100 000 Lux (tolerance +/-20 % and/or +/-5 Lux)

4. Selection of the installation location

When selecting the installation location, please ensure

that the sensor is not subject to any or only little soiling as a soiled sensor impairs the measurement of the brightness.

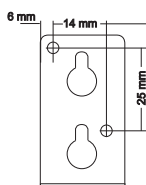
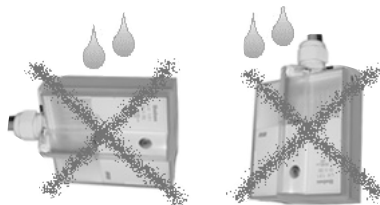
5. Installation of the sensor



Attach the sensor in vertical position only!

Consequence of non-observation!

Moisture and/or dirt can penetrate into the housing, resulting in a defect of the device and a short circuit of the bus line.



6. Bus connection

1. Push the bus cable through the twist joint into the terminal compartment.
2. Ensure the correct polarity when connecting the cable!
3. Connect the bus terminal to the cable inserted.
4. Press the bus terminal right down.
5. The LED flashes.



7. Input of the physical address

The physical address, the group addresses as well as the adjustment of the parameters are now assigned with the ETS.

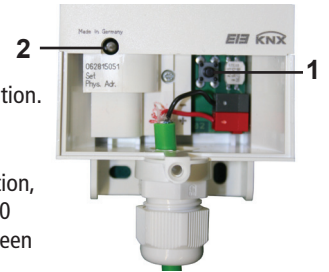
Load the application software:

1. Subsequently press key 1. LED 2 flashes.
2. ETS can be used to load the application.

Note:

When the device is ready for operation, the LED will stop flashing approx. 10 seconds after the bus voltage has been applied or the application has been loaded.

If this is not the case, no valid application program has been loaded.



8. Installation and care of the cover

Installation of the cover

1. Carefully place the cover on the device installed.
2. Screw down the cover.

Care of the cover

Now and then clean the cover so that the measuring values of the brightness measurement are not altered by deposits of dirt. Use a moist cloth for cleaning.

9. Technical data

Transmitter

Operating voltage:
Bus interface module:
Measuring range – brightness:
Tolerance:
Power consumption:
Type of protection:

LUNA 133 9 200 EIB/KNX

Bus voltage
Integrated
1 to 100,000 Lux
+/- 20 % and/or +/- 5 Lux
< 150 mW
IP 54
in vertical position with
cover attached