

Instabus Brightness Sensor Module

Order No.: 0629 00

Function

These devices are products of the *instabus* EIB-system and comply with EIBA directives. Detailed technical knowledge obtained in *instabus* training courses is a prerequisite for proper understanding.

Functionality of the devices is depending on the software loaded into the **bus coupling module**. Detailed information on loadable software and attainable functionality may be taken from the manufacturer's product database.

The brightness sensor module measures brightness in connection with a sensor to be installed externally. When brightness falls below the set value, this is indicated by an LED lighting up. If the set value is exceeded, the LED goes out. Hysteresis is 1.3 times the set value. By means of a rotary switch the brightness range is preselected, the precision setting of the brightness value is performed by means of a potentiometer.

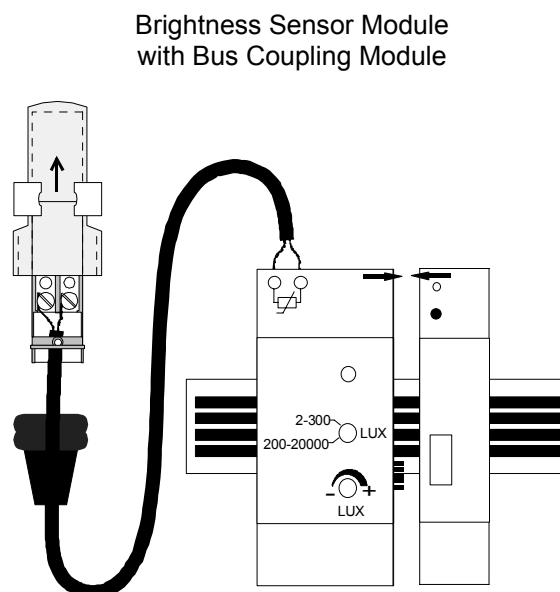
Installation

Caution! The installation and assembly of electrical equipment may be carried out only by a skilled person.

Planning, installation and commissioning of the unit is done by means of EIBA certified software.

The sensor is fixed with the clip at the installation location chosen. It must be adapted and adjusted to the prevailing light. The connecting lead should not be laid in parallel with other live leads.

Pull out the connecting element to the stop. After clamping push in connecting element until it catches. Have rubber bush also catch. Snap brightness sensor onto DIN cap bar, push it to the right and connect it to the bus coupling module and/or to a sensor already existing. When dismantling, push brightness sensor on the DIN bar to the left until the connector to the bus coupling module lies bare. Then unlock and dismantle.



Technical Data

Power drain *instabus* EIB: max. 150 mW
Connection *instabus* EIB: via bus coupling modul **0574 00**

Brightness Sensor Module

Setting ranges, to be:
selected via rotary switch
Ambient temperature:
Type of protection:
Build-in width:

2 to 300 Lux
200 to 20000 Lux
-5 °C to +45 °C
IP 20
35 mm (2 PU)

Sensor

Connection of sensor:
Length of sensor lead:
Ambient temperature:
Type of protection:
recommended installation:
Cable diameter:
Protection class:
Direction of sensors (watch arrow)
Dusk:
Daylight:

Screw terminals up to 2,5 mm²
max. 100 m
-30 °C to +70 °C
IP 65
cable bush downward
min. 8 mm
II
no direct light incidence
direct light incidence

Acceptance of guarantee

We accept the guarantee in accordance with the corresponding legal provisions.

Please return the unit postage paid to our central service department giving a brief description of the fault:

Gira
Giersiepen GmbH & Co. KG
Service Center
Dahlienstrasse 12
D-42477 Radevormwald



The CE sign is a free trade sign addressed exclusively to the authorities and does not include any warranty of any properties.

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