

## Brightness Sensor

with Transmitter 0...10 V



The brightness sensor is a light sensor for building automation. It is protected against over-voltage and voltage fluctuations and suitable for continuous operations. For the measurement of intensity of illumination a precise and long-term stable photodiode is used. Advanced sensor technology provides a digitally processed signal transformed into a linear analog output voltage. The module has a high sensitivity over a wide range of different light levels. Thus the brightness sensor can also be used under very bright lighting conditions.

### Benefits

- Customized wide measuring range up to 100000 lux
- 3-point calibrated and linearized
- Longtime stability
- Brightness sensor and transmitter combined in one housing
- High quality housing with Ingress protection IP65

### Applications

- Building automation
- Solar Sensors
- Light sensors for switching devices powered by solar applications
- Sensors to provide measurements of the illuminance in rain protected weather stations

### Your contact for further informations:

B+B Thermo-Technik GmbH  
Heinrich-Hertz-Str. 4  
D-78166 Donaueschingen  
Fon +49 771 83160  
Fax +49 771 831650  
[info@bb-sensors.com](mailto:info@bb-sensors.com)