

# LIGHTNESS SENSOR

Illumination - Luxmeter



## Brightness in (de)lux(e)..

is measured by this sensor. It determines the momentary degree of illumination intensity. The highly sensitive photodiode reacts quickly to the prevailing circumstances, to half-light as well as to spot light. The device (16321) is especially adequate for the use outside and has a very robust housing and connecting ports.

- weather resistant aluminum die-cast housing IP 65
- integrated transmitter
- easy mounting and adjustment by three-point plate and built-in box level
- standard unit: Lux = lx  
100 Lux equal 1 W/m<sup>2</sup> or 9.29 foot candle
- analogous signal output
- factory test certificate included (DIN EN 10204)

weather stations ● green houses ● monitoring systems ● building automation

### Standard Line

Measuring element:  
Measuring range:  
Range of application:  
Non-linearity:  
Response time:  
Inclination error:  
Output signal:  
Supply voltage:  
Dimensions/ Weight:

### Accessories:

**32.16321.001 000**

**(16321)**

### Lightness Sensor

special silicium photo diodes  
0...100 klx  
temperatures -30...+60°C  
± 3 %  
< 5 %  
< ± 5 %  
0...20 mA  
24 V<sub>DC</sub>  
65 x 59 x 68 mm · IP 65 · cable length 3,5 m · 0.4 kg

**Id-No. 00.16321.010 302**

**(16321 U1)**

**Three-point mounting plate** with built-in level · 0.2 kg

