



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/m²
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	(16321) Lightness Sensor	Id-No. 00.16321.010 302
Measuring element:	special silicium photo diodes	
Measuring range:	0...100 klx	
Range of application:	temperatures -30...+60 °C	
Non-linearity:	±3 %	
Response time:	< 5 %	
Inclination error:	< ±5 %	
Output signal:	0...20 mA	
Supply voltage:	24 V _{DC}	
Dimensions/ Weight:	65 x 59 x 68 mm · IP 65 · cable length 3,5 m • approx. 0.4 kg	
Accessories:		
32.16321.001 000	(16321 U1) Three-point mounting plate with built-in level • approx. 0.2 kg	