



SLT-E1

HIGHLIGHTS

- Illuminance measurement (Lux)
- Power supply AC/DC 24 Volt
- Lux range : 0..10Vdc @ 0 .. 1kLux or 0 .. 10 kLux
- T° range : 0..10Vdc @ -50°C .. +50°C

Lux



OUTDOOR

DESCRIPTION

Illuminance sensor SLT-E1 measures the intensity of light and temperature and converts the results into linear 0-10V signals. SLT-E1 can be used for regulating and controlling lighting and heating systems according to the illumination and temperature of the surroundings.

The range of 0...1'000 lux (S1=on, factory setting) or 0...10'000 lux (S1=off) can be chosen by the user.

SLT-E1 is housed in an IP54 surface-mounted box for outdoor installation.

TECHNICAL DATA		TYPE
		SLT-E1
Power supply	24Vac/dc (22...30Vac/dc) < 0,1VA	
Outputs	0..10Vdc, < 1mA	
Measuring ranges	illuminance 0...1000 lux* or 0...10000 lux temperature -50 ... +50 °C	
Sensor elements	fotodiod (= illuminance) Pt1000 EN60751 B (= temperature)	
Dimensions	w x h x d 90 x 94 x 44 mm	
Housing	IP 54, cable gland downwards	
Materials	PBT, PC and PA	

* factory setting

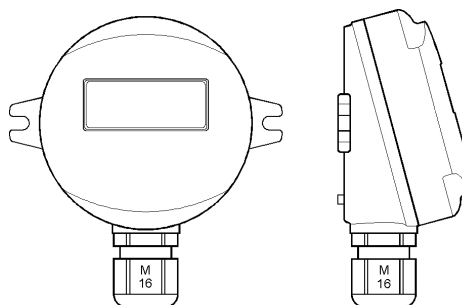
CONNECTIONS

- | | |
|---|--|
| 1 | 24 Vac/dc |
| 2 | 0 V |
| 3 | 0..10Vdc (= 0..1'000 lux, 0..10'000 lux) |
| 4 | 0..10Vdc (= -50...+50 °C) |

INSTALLATION

The sensor is to be mounted on the wall by screws, on the place where it is not affected by direct solar radiation or fast changes of illuminance caused by the outdoor lighting or traffic.

DIMENSIONS



Ø 70mm (fixing holes : 2x Ø4,5mm screw, distance 82 mm)