



# LTWT10/PT1000

Lux transmitter

*In- or outdoor lux transmitter with a passive PT1000 temperature sensor as well as DIP-switches for scaling the output signal.*

- ✓ Suitable for outdoor use, protection class IP65
- ✓ Built-in PT1000 temperature sensor
- ✓ Adjustable scaling from 0-1000 to 0-100000 lux

## Function

The transmitter registers light intensity through the window on the lid. The light intensity can be set to four different measuring ranges which are converted into a 0...10 V output signal.

## Applications

By using LTWT10/PT1000 to measure light intensity in a room or on a facade, you can maximise daylight use and only add the required amount of artificial lighting. This makes it possible to achieve significant energy savings. Typical applications are buildings with generous daylight intake, such as schools and modern offices. The transmitter can also be used when controlling blinds, etc.

## Technical data

Supply voltage	16...36 V DC, 24 V AC
Analogue output	0...10 V. Min. load resistance 10 kΩ.
Accuracy, lux	±10 %
Operating temperature	-30...+70 °C
Relative humidity	0...98 %, non-condensing
Connection	Screw clamps 1.5 mm <sup>2</sup>
Weight	107 g
Dimensions (WxHxD)	59 x 65 x 37.5 mm
Protection class	IP65

## Models

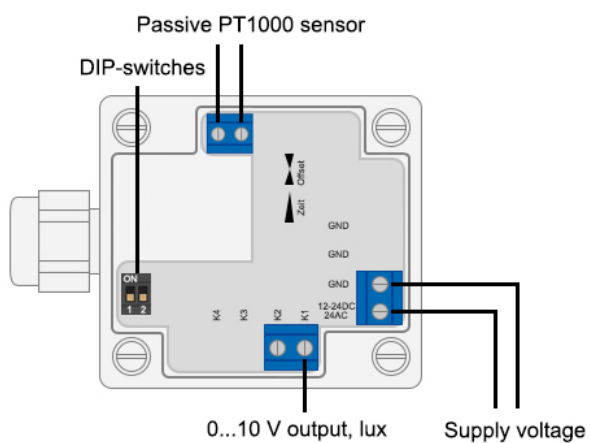
Article	Description
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## CE

**EMC emissions & immunity standards:** This product conforms to the requirements of the EMC Directive 2004/108/EC through product standard EN 60730-1.

**RoHS:** This product conforms to the Directive 2011/65/EU of the European Parliament and of the Council.

## Wiring



## Dimensions

Measurements in mm unless otherwise specified.

