

# Light Sensor, wall-mounted, swivelling, type LF/w/D

Order-No.: 51.21.010

The LF/w/D is wired in combination with the daylight dependent controls type AQAD-S, LWS1, LWS3 and LM 3.

## Mounting instructions

### For LWS 1, LWS 3 and LM3 modules:

In combination with the LWS 1 and LWS 3 preferably the sensor should be mounted outside of a building or inside a room close to a window. It may not be exposed to an artificial Light source.

### For the AQAD-S module:

In combination with the AQAD-S the sensor can be mounted at the wall or ceiling close to the lamps to be controlled. It may not directly exposed to the daylight or an artificial light source. Optionally it can be mounted (in rooms with a height above 3,5 m) on walls if the sensor is directed upwards. In sportshalls it should be protected by a basket.



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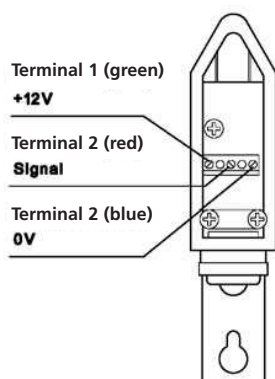


Light sensor, type LF/w/D  
Order-No.: 51.21.010  
with basket, type SK  
Order-No.: 51.21.090

## Technical data:

Characterization	Light Sensor, type LF/w/D
Type	: LF/w/D
Order-no.	: 51.21.010
Operational voltage	: max. 24 V DC (from the respective control modules)
Own consumption	: approx. 5mW
Ambient temperature	: 0- +50°C
Working range	: approx. 50-20000 lux
Wiring	: see wiring diagrams (basic isolation according to IEC 664,10/92)
	<b>No protective low-voltage</b>
Protective type	: IP 55
Contamination grade	: 2 (dry, non-conductive according IEC 664,10/92)
Wire length	: max. 100 m
Housing	: plastic for 1- whole mounting (inside and outside buildings)
Dimensions	: see dimensional drawing
Weight	: approx. 100 gr
Requirements	: EMC met accord. to EN 50082-1 (03/93) Low-voltage met acc. to IEC 669-2-1 11/94
Suitable for the following controls operating in dependence of the daylight : AQAD-S, LWS1, LWS3, LM 3	

## Wiring diagrams



Light sensor IP 54  
(please observe mounting position)

## Dimensional drawing for the LF/w/D

