

Product data sheet

Brightness sensor



Reference number

WS 10 H

Brightness sensor

Rated voltage 24 V DC
range 0 ... 60 000 lux, linear

The brightness sensor is used for the measuring and evaluation of the brightness.
The dawn sensor is used for the measuring and evaluation of the brightness (dawn/dusk).
The temperature sensor is used for the measuring and evaluation of the temperature.
The value measured by the sensor is transmitted to an analogue output signal of 0 ... 10 V by the electronics.

Connections:

Plastic housing with PG7 thread + screw and pressure / moisture compensation
(recommended cable 3 x 0.25 mm²)
+UB: operating voltage 24 V DC
GND: corresponding ground
OUT: output 0 ... 10 V

Technical data

Supply voltage:	DC 24 V (DC 15 ... 30 V)
Connection:	screw terminals
Terminals for:	2.5 mm ²
Connection cable:	through screwed conduit entry PG 7
Recommended cable:	3 x 0,25 mm ²
Cable length:	max. 100 m
Output:	0 ... 10 V DC (into a load of at least 1 kΩ, short-circuit protected)
Ambient temperature:	-30 ... +70 °C
Degree of protection:	IP65
Mounting position:	optional

Dimensions:

58 x 35 x 64 mm

IP Degree of protection IP65 is ensured.