

# Product data sheet

## Dawn sensor



### Reference number

WS 10 D

### Dawn sensor

Rated voltage 24 V DC  
range 0 ... 255 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 mm<sup>2</sup>)  
+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 <sup>2</sup>
Connection cable:	through screwed conduit entry PG 7
Recommended cable:	3 x 0,25 mm <sup>2</sup>
Cable length:	max. 100 m
Output:	0 ... 10 V DC (into a load of at least 1 k $\Omega$ , short-circuit protected)
Ambient temperature:	-30 ... +70 °C
Protection level:	IP 65
Mounting position:	optional

### Dimensions:

58 x 35 x 64 mm