



# WI130T-P720

## W130

PHOTOELECTRIC SENSORS

**SICK**  
Sensor Intelligence.



## Ordering information

Type	part no.
WI130T-P720	6032853

Other models and accessories → [www.sick.com/W130](http://www.sick.com/W130)

Illustration may differ



## Detailed technical data

### Features

<b>Dimensions (W x H x D)</b>	10.5 mm x 33.8 mm x 81.4 mm
<b>Housing design (light emission)</b>	Rectangular
<b>Adjustment</b>	Single teach-in button Cable

### Mechanics/electronics

<b>Supply voltage</b>	12 V DC ... 24 V DC
<b>Current consumption</b>	50 mA
<b>Switching output</b>	PNP Analog
<b>Switching mode</b>	Light/dark switching
<b>Switching mode selector</b>	Programmable
<b>Output current <math>I_{max.}</math></b>	≤ 100 mA
<b>Response time</b>	60 µs 500 µs 5 ms
<b>Delay time</b>	ON and OFF delay, 0 ... 9 s
<b>Connection type</b>	Cable, 7-wire, 2 m
<b>Cable material</b>	PVC/PBT
<b>Circuit protection</b>	A <sup>1)</sup> D <sup>2)</sup>
<b>Protection class</b>	III

<sup>1)</sup> A = V<sub>S</sub> connections reverse-polarity protected.

<sup>2)</sup> D = outputs overcurrent and short-circuit protected.

<sup>3)</sup> More than 2 devices mounted as a block max. 50 °C.

<b>Weight</b>	80 g
<b>Housing material</b>	Plastic, PPE/PC
<b>Enclosure rating</b>	IP50
<b>Items supplied</b>	Mounting bracket
<b>Ambient operating temperature</b>	-25 °C ... +55 °C <sup>3)</sup>
<b>Ambient temperature, storage</b>	-40 °C ... +70 °C

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<sup>3)</sup> More than 2 devices mounted as a block max. 50 °C.

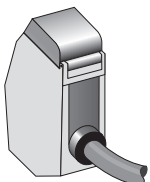
## Certificates

<b>EU declaration of conformity</b>	✓
<b>UK declaration of conformity</b>	✓
<b>ACMA declaration of conformity</b>	✓
<b>Moroccan declaration of conformity</b>	✓
<b>China RoHS</b>	✓
<b>cRUus certificate</b>	✓

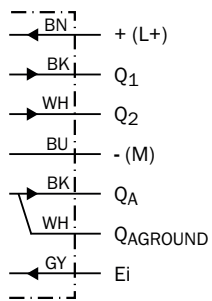
## Classifications

<b>ECLASS 5.0</b>	27270905
<b>ECLASS 5.1.4</b>	27270905
<b>ECLASS 6.0</b>	27270905
<b>ECLASS 6.2</b>	27270905
<b>ECLASS 7.0</b>	27270905
<b>ECLASS 8.0</b>	27270905
<b>ECLASS 8.1</b>	27270905
<b>ECLASS 9.0</b>	27270905
<b>ECLASS 10.0</b>	27270905
<b>ECLASS 11.0</b>	27270905
<b>ECLASS 12.0</b>	27270905
<b>ETIM 5.0</b>	EC002651
<b>ETIM 6.0</b>	EC002651
<b>ETIM 7.0</b>	EC002651
<b>ETIM 8.0</b>	EC002651
<b>UNSPSC 16.0901</b>	39121528

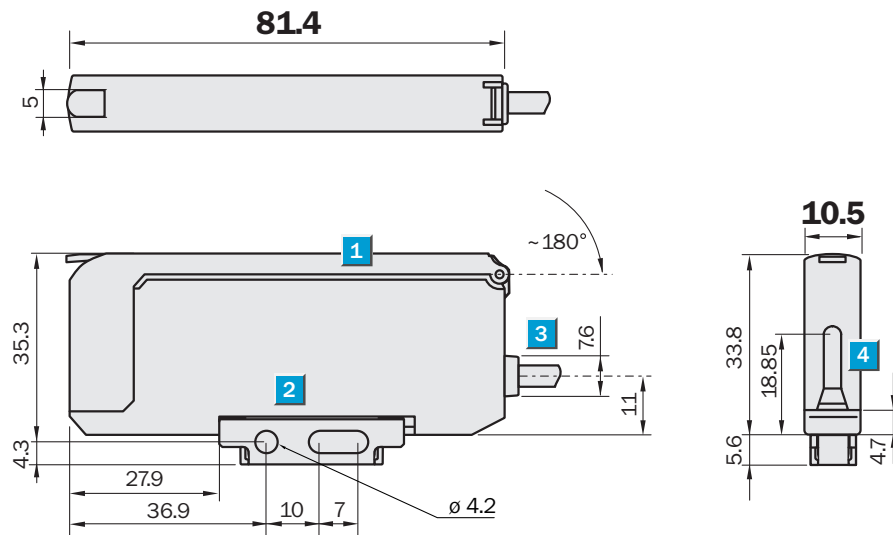
## Connection type



### Connection diagram Cd-175



### Dimensional drawing



Dimensions in mm (inch)

- ① protective hood opens approx. 180°
- ② Mounting bracket, included with delivery
- ③ Connection
- ④ Connection for sensor heads

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)