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Product data sheet



WI130T-P720

W130

MINIATURE PHOTOELECTRIC SENSORS

SICK
Sensor Intelligence.

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WI130T-P720 | W130

MINIATURE PHOTOELECTRIC SENSORS



Illustration may differ

Ordering information

Type	Part no.
WI130T-P720	6032853

Other models and accessories → www.sick.com/W130

Detailed technical data

Features

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

Mechanics/electronics

Supply voltage	12 V DC ... 24 V DC
Current consumption	50 mA
Switching output	PNP Analog
Switching mode	Light/dark switching
Switching mode selector	Programmable
Output current $I_{max.}$	≤ 100 mA
Response time	60 µs 500 µs 5 ms
Delay time	ON and OFF delay, 0 ... 9 s,
Connection type	Cable, 7-wire, 2 m
Cable material	PVC/PBT
Circuit protection	A [1] D [2]
Protection class	III
Weight	80 g
Housing material	Plastic, PPE/PC
Enclosure rating	IP50
Items supplied	Mounting bracket

[1] A = V_S connections reverse-polarity protected.

[2] D = outputs overcurrent and short-circuit protected.

[3] More than 2 devices mounted as a block max. 50 °C.

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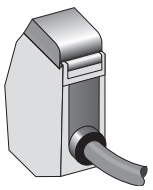
Ambient operating temperature	–25 °C ... +55 °C [3]
Ambient temperature, storage	–40 °C ... +70 °C

[1] A = V_S connections reverse-polarity protected.
[2] D = outputs overcurrent and short-circuit protected.
[3] More than 2 devices mounted as a block max. 50 °C.

Classifications

eCl@ss 5.0	27270905
eCl@ss 5.1.4	27270905
eCl@ss 6.0	27270905
eCl@ss 6.2	27270905
eCl@ss 7.0	27270905
eCl@ss 8.0	27270905
eCl@ss 8.1	27270905
eCl@ss 9.0	27270905
eCl@ss 10.0	27270905
eCl@ss 11.0	27270905
eCl@ss 12.0	27270905
ETIM 5.0	EC002651
ETIM 6.0	EC002651
ETIM 7.0	EC002651
ETIM 8.0	EC002651
UNSPSC 16.0901	39121528

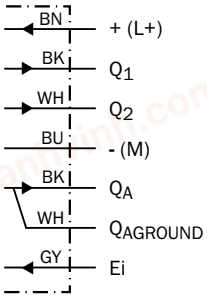
Connection type



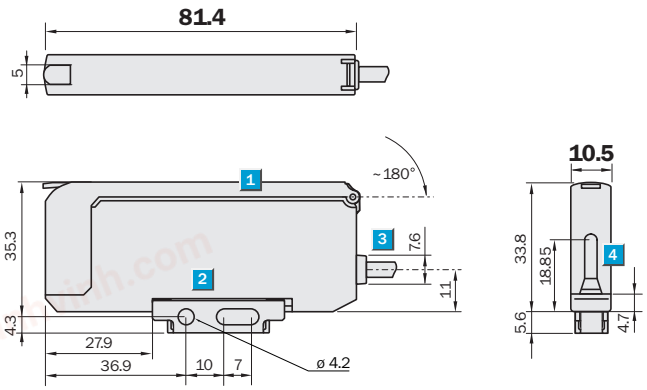
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Connection diagram

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

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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

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