

WTR1-P721S07

SICK
Sensor Intelligence.



Illustration may differ



Ordering information

Type	Part no.
WTR1-P721S07	1016184

Other models and accessories → www.sick.com/

Detailed technical data

Features

Sensor/ detection principle	Photoelectric proximity sensor, Background suppression
Dimensions (W x H x D)	110 mm x 46 mm
Housing design (light emission)	Rectangular
Sensing range max.	300 mm ... 900 mm ¹⁾
Type of light	Visible red light
Light source	LED

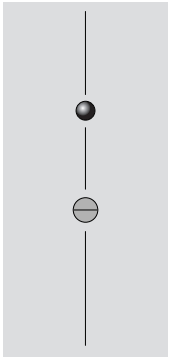
¹⁾ Object with 90 % reflectance (referred to standard white, DIN 5033).

Mechanics/electronics

Supply voltage	19.2 V DC ... 26.4 V DC
Power consumption	25 mA ¹⁾
Switching mode	Dark switching
Connection type	Cable with M12 male connector, 4-pin
Housing material	Plastic, ABS
Optics material	Plastic, PMMA
Enclosure rating	IP54
Ambient operating temperature	-10 °C ... +55 °C
Ambient storage temperature	-25 °C ... +75 °C
UL File No.	NRKH.E181493 & NRKH7.E181493

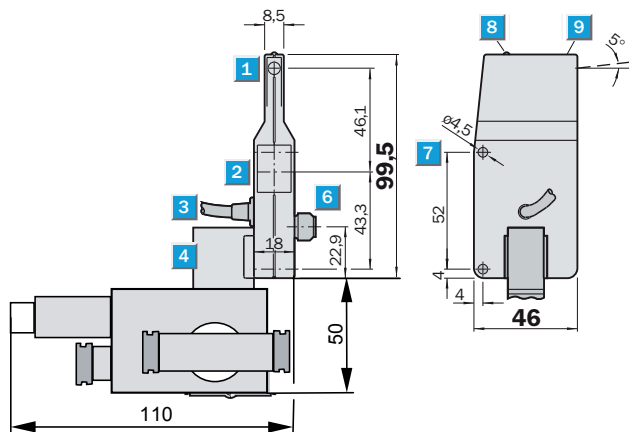
¹⁾ Without load.

Adjustments possible



- ⑧ LED signal strength indicator
- ⑨ Adjustment of sensing range

Dimensional drawing (Dimensions in mm (inch))



- ① Center of optical axis, sender
- ② Center of optical axis, receiver
- ③ Cable with receptacle, 4-pin
- ④ Solenoid valve
- ⑤ Media connector x2 Ø 8 x 1
- ⑥ Male connector M12, 4-pin
- ⑦ Mounting hole, Ø 4.5 mm
- ⑧ LED signal strength indicator
- ⑨ Adjustment of sensing range

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