

**SICK**  
Sensor Intelligence.



## Ordering information

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

- **Sensor principle:** Photoelectric proximity sensor
- **Detection principle:** Background suppression
- **Light source:** LED
- **Voltage type:** DC
- **Switching mode:** Light/dark switching
- **Type of light:** visible red light

Sensing range max.	Switching output	Connection type	Type	Part no.
10 mm ... 550 mm	NPN	Cable, 2 m <sup>1)</sup>	WT170-N132	6010199
		Male connector M8, 4-pin	WT170-N430	6010200
	PNP	Cable, 2 m <sup>1)</sup>	WT170-P132	6010197
		Male connector M8, 4-pin	WT170-P430	6010198

<sup>1)</sup> Do not bend below 0 °C.

- **Sensor principle:** Photoelectric retro-reflective sensor
- **Light source:** LED
- **Voltage type:** DC
- **Switching mode:** Light/dark switching
- **Type of light:** visible red light

Sensing range max.	Switching output	Connection type	Type	Part no.
0.01 m ... 4 m	NPN	Cable, 2 m <sup>1)</sup>	WL170-N132	6010191
		Male connector M8, 4-pin	WL170-N430	6010192
	PNP	Cable, 2 m <sup>1)</sup>	WL170-P132	6010189
		Male connector M8, 4-pin	WL170-P430	6010190
0.1 m ... 0.8 m	NPN	Cable, 2 m <sup>1)</sup>	WL170-N122	6010187
		Male connector M8, 4-pin	WL170-N420	6010188
	PNP	Cable, 2 m <sup>1)</sup>	WL170-P122	6010185
		Male connector M8, 4-pin	WL170-P420	6010186

<sup>1)</sup> Do not bend below 0 °C.

- **Sensor principle:** Through-beam photoelectric sensor
- **Light source:** LED
- **Voltage type:** DC
- **Switching mode:** Light/dark switching
- **Type of light:** visible red light

Sensing range max.	Switching output	Connection type	Type	Part no.
≥ 0 m	NPN	Cable, 2 m <sup>1)</sup>	WS/WE170-N132	6010183
		Male connector M8, 4-pin	WS/WE170-N430	6010184
	PNP	Cable, 2 m <sup>1)</sup>	WS/WE170-P132	6010181
		Male connector M8, 4-pin	WS/WE170-P430	6010182

<sup>1)</sup> Do not bend below 0 °C.

## 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)