



## W4-3

Best-in-class sensing performance in a miniature housing

PHOTOELECTRIC SENSORS

**SICK**  
Sensor Intelligence.



### Technical data overview

<b>Dimensions (W x H x D)</b>	16 mm x 39.5 mm x 12 mm 16 mm x 36.5 mm x 12 mm
<b>Sensing range max.</b>	4 mm ... 150 mm <sup>1)</sup> 3 mm ... 150 mm <sup>1)</sup> 4 mm ... 140 mm <sup>1)</sup> 4 mm ... 55 mm <sup>1)</sup> 28 mm ... 165 mm <sup>1)</sup> 15 mm ... 150 mm <sup>1)</sup> 3 mm ... 200 mm ≤ 150 mm 3 mm ... 250 mm <sup>1)</sup> 4 mm ... 50 mm <sup>1)</sup> 4 mm ... 25 mm <sup>1)</sup> 22 mm <sup>1)</sup> 2 mm ... 50 mm <sup>1)</sup> 3 mm ... 50 mm <sup>1)</sup> 10 mm ... 60 mm <sup>1)</sup> 0.01 m ... 4.5 m <sup>2)</sup> 0.01 m ... 4.5 m 0.4 m ... 3.5 m <sup>3)</sup> 0.4 m ... 9 m <sup>2)</sup> 0 m ... 4 m 0 m ... 1.5 m 0 m ... 0.9 m
<b>Light source</b>	PinPoint LED / LED (depending on type)
<b>Type of light</b>	Visible red light / Infrared light (depending on type)
<b>Enclosure rating</b>	IP67 IP66
<b>Housing material</b>	Plastic ABS Plastic ABS <sup>4)</sup>
<b>Adjustment</b>	Potentiometer, 5 turns Single teach-in button Cable <sup>5)</sup> IO-Link None Cable Cable <sup>6)</sup>

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

<sup>2)</sup> Reflector PL80A.

<sup>3)</sup> Reflector PL31A.

<sup>4)</sup> PTFE coating.

<sup>5)</sup> External teach-in: pulse > 2 s with voltage U<sub>v</sub> with PNP and M with NPN.

<sup>6)</sup> External teach-in: impuls > 2 s with voltage V<sub>S</sub>.

### Product description

The W4-3 family of photoelectric sensors offers best-in-class performance in a miniature housing design. Using the latest ASIC and PinPoint LED technologies, these sensors provide reliable object detection of transparent and glossy objects like blisters, e-cards and aluminum cans. Optical axes on the flat side enable simple, space-saving integration in machine environments - even without mounting brackets.

## At a glance

- Best background suppression sensor in its class
- Universal use of PinPoint technology in all models
- BGS proximity sensor with laser-like light spot for precise detection tasks
- Reliable setting via 5-turn potentiometer, teach-in pushbutton, teach-in via cable or IO-Link
- Flexible sensor settings, monitoring, advanced diagnostics, and display thanks to IO-Link

## Your benefits

- Low-cost integration due to optimal machine integration in areas with limited space
- Application versatility due to reliable detection of shiny or jet-black objects
- Rugged mounting system with M3 threaded metal inserts reduces maintenance costs due to a long service life
- High immunity to ambient light reduces downtime caused by false trips
- Clearly visible light spot simplifies alignment
- IO-Link provides easy data access from the PLC
- Quick and easy configuration
- Quick and easy integration using function blocks

## Ordering information

Other models and accessories → [www.sick.com/W4-3](http://www.sick.com/W4-3)

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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
15 mm ... 150 mm	PNP	Cable, Teach-in button	Cable with M8 male connector, 4-pin, 100 mm <sup>1)</sup>	WTB4-3P3264S75	1057266
22 mm	PNP	None	Cable, 3-wire, 3 m	WTV4-3P1040S17	1029879
28 mm ... 165 mm	PNP	Potentiometer	Cable with connector M8, 3-pin, 0.3 m	WTB4-3P2100S78	1059594
3 mm ... 150 mm	PNP	Potentiometer	Cable with M8 male connector, 4-pin, 100 mm <sup>1)</sup>	WTB4-3P3261S51	1043518
4 mm ... 140 mm	PNP	Potentiometer	Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WTB4-3P3161S02	1029261
4 mm ... 150 mm	NPN	Potentiometer	–	WTB4-3N1061S31	1044345
			Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WTB4-3N3161	1028103
				WTB4-3N3171	1041717
				WTB4-3N1361	1028101
			Cable, 3-wire, 2 m <sup>1)</sup>	WTB4-3N1361S16	1029877
				WTB4-3N1371	1028125
			Cable, 3-wire, 5 m <sup>1)</sup>	WTB4-3N1461	1057301
			Connector M8, 3-pin	WTB4-3N2161	1028104
4 mm ... 150 mm	NPN	Potentiometer	Connector M8, 3-pin	WTB4-3N2171	1028126
		Teach-in button	Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WTB4-3N3162	1028089
			Cable, 3-wire, 2 m <sup>1)</sup>	WTB4-3N1362	1028087

<sup>1)</sup> Do not bend below 0 °C.

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
		Cable, Teach-in button	Cable, 4-wire, 2 m <sup>1)</sup>	WTB4-3N1164	1028090
		None	Cable, 4-wire, 2 m <sup>1)</sup>	WTB4-3N1160S53	1044783
	PNP	Potentiometer	Cable with M8 male connector, 4-pin, 100 mm <sup>1)</sup>	WTB4-3P3261S27	1029884
				WTB4-3P3271S07	1083881
			Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WTB4-3P3161	1028097
				WTB4-3P3161S11	1029873
				WTB4-3P3171	1028122
			Cable with connector M8, 3-pin, 280 mm	WTB4-3P3061S15	1029876
			Cable, 3-wire, 2 m <sup>1)</sup>	WTB4-3P1361	1028094
				WTB4-3P1371	1028121
			Connector M8, 3-pin	WTB4-3P2161	1028099
				WTB4-3P2161S28	1040445
				WTB4-3P2171	1028123
			Male connector M8, 4-pin	WTB4-3P2261S25	1029883
		Teach-in button	Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WTB4-3P3162	1028082
				WTB4-3P3162S04	1029917
				WTB4-3P3162S45	1042104
			Cable, 3-wire, 2 m <sup>1)</sup>	WTB4-3P1362	1028081
			Connector M8, 3-pin	WTB4-3P2162	1028084
			Male connector M8, 4-pin	WTB4-3P2262S41	1041242
		Cable, Teach-in button	Cable with M12 male connector, 4-pin, 150 mm <sup>1)</sup>	WTB4-3P3464	1044013
			Cable with M8 male connector, 4-pin, 100 mm <sup>1)</sup>	WTB4-3P3264	1047193
				WTB4-3P3264S03	1029467
				WTB4-3P3264S30	1040628
			Cable, 4-wire, 5 m <sup>1)</sup>	WTB4-3P1264	1041890
			Male connector M8, 4-pin	WTB4-3P2264	1028086
				WTB4-3P2264S32	1045858

<sup>1)</sup> Do not bend below 0 °C.

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
4 mm ... 50 mm	NPN	Potentiometer	Cable, 3-wire, 2 m <sup>1)</sup>	WTV4-3N1341	1028115
			Connector M8, 3-pin	WTV4-3N2141	1028116
	PNP	Potentiometer	Cable with M12 male connector, 4-pin, 150 mm <sup>1)</sup>	WTV4-3P3441S38	1040696
			Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WTV4-3P3141	1028112
			Cable, 3-wire, 2 m <sup>1)</sup>	WTV4-3P1341	1028111
			Connector M8, 3-pin	WTV4-3P2141	1028113
		None	–	WTV4-3P1040S42	1041689
			Connector M8, 3-pin	WTV4-3P2140S32	1040689
				WTV4-3P2140S33	1029887
				WTV4-3P2140S43	1041693
4 mm ... 55 mm	PNP	Potentiometer	Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WTV4-3P3041S12	1029874
			Cable, 3-wire, 2 m <sup>1)</sup>	WTV4-3P1341S77	1059327

<sup>1)</sup> Do not bend below 0 °C.

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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
4 mm ... 150 mm	NPN	Potentiometer	Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WTB4-3E3161	1028109
			Cable, 3-wire, 2 m <sup>1)</sup>	WTB4-3E1361	1028108
				WTB4-3E1371	1066656
			Connector M8, 3-pin	WTB4-3E2161	1028110
	PNP	Potentiometer	Cable, 4-wire, 2 m <sup>1)</sup>	WTB4-3E1164S01	1029111
			Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WTB4-3F3161	1028106
			Cable, 3-wire, 2 m <sup>1)</sup>	WTB4-3F1361	1028105
			Connector M8, 3-pin	WTB4-3F2161	1028107
		Teach-in button	Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WTB4-3F3162	1084429
			Connector M8, 3-pin	WTB4-3F2162	1051228
4 mm ... 50 mm	NPN	Potentiometer	Cable, 4-wire, 2 m <sup>1)</sup>	WTV4-3N1141	1084396
	PNP	Potentiometer	Cable with connector M8, 3-pin, 1.5 m <sup>1)</sup>	WTV4-3F3141S48	1042161
4 mm ... 55 mm	NPN	None	Cable with male connector, 200 mm <sup>1)</sup>	WTB4-3E1360S46	1042154

<sup>1)</sup> Do not bend below 0 °C.

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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
3 mm ... 150 mm	PNP	Potentiometer	Male connector M8, 4-pin	WTB4-3P2261S44	1041937

<sup>1)</sup> Do not bend below 0 °C.

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
4 mm ... 150 mm	NPN	Potentiometer	Cable, 4-wire, 2 m <sup>1)</sup>	WTB4-3N1161	1028102
		Teach-in button	Cable with M8 male connector, 4-pin, 100 mm <sup>1)</sup>	WTB4-3N3262	1075083
	PNP	Potentiometer	Cable with M12 male connector, 4-pin, 150 mm <sup>1)</sup>	WTB4-3P3461	1029949
			Cable with M8 male connector, 4-pin, 100 mm <sup>1)</sup>	WTB4-3P3261	1028098
			Cable, 4-wire, 2 m <sup>1)</sup>	WTB4-3P1161	1028096
			Cable, 4-wire, 5 m <sup>1)</sup>	WTB4-3P1261	1092244
			Male connector M8, 4-pin	WTB4-3P2261	1028100
				WTB4-3P2271	1042190
		Teach-in button	Cable with M12 male connector, 4-pin, 150 mm	WTB4C-3P3462A00	1099420
			Male connector M8, 4-pin	WTB4-3P2262	1028085
				WTB4C-3P2262A00	1080927
				WTB4C-3P2262A70	1080928
				WTB4C-3P2262A71	1080929
			4 mm ... 50 mm	PNP	Potentiometer
Cable, 4-wire, 2 m <sup>1)</sup>	WTV4-3P1141	1084397			
Male connector M8, 4-pin	WTV4-3P2241	1028114			

<sup>1)</sup> Do not bend below 0 °C.

- **Sensor principle:** Photoelectric proximity sensor
- **Detection principle:** Background suppression
- **Light source:** PinPoint LED
- **Voltage type:** DC
- **Switching mode:** Light switching
- **Type of light:** Infrared light

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
2 mm ... 50 mm	NPN	Potentiometer	Cable, 3-wire, 2 m <sup>1)</sup>	WTV4-3N1321S49	1043721
	PNP	Potentiometer	Cable, 3-wire, 2 m <sup>1)</sup>	WTV4-3P1321S54	1045365
3 mm ... 50 mm	NPN	Potentiometer	Male connector M8, 4-pin	WTV4-3N2201S68	1055055
	PNP	Potentiometer	Cable with M8 male connector, 4-pin, 100 mm <sup>1)</sup>	WTV4-3P3222S57	1050786
4 mm ... 150 mm	PNP	Cable, Teach-in button		WTB4-3P3214S59	1052261
4 mm ... 25 mm	NPN	Teach-in button	Cable, 3-wire, 2 m <sup>1)</sup>	WTV4-3N1322M62	1098663

<sup>1)</sup> Do not bend below 0 °C.

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
4 mm ... 50 mm	NPN	Potentiometer	Cable, 3-wire, 2 m <sup>1)</sup>	WTV4-3N1321	1029885
		Teach-in button	Cable, 3-wire, 2 m <sup>1)</sup>	WTV4-3N1322P07	1104149
				WTV4-3N1322S01	1085155
				WTV4-3N1322S88	1100125
				WTV4-3N1322S89	1088289
				WTV4-3N1322S90	1093901
	PNP	Potentiometer	Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WTV4-3P3121	1042191
			Cable with connector M8, 3-pin, 300 mm <sup>1)</sup>	WTV4-3P3021S64	1054543
			Cable, 3-wire, 2 m <sup>1)</sup>	WTV4-3P1321	1029888
		Teach-in button	Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WTV4-3P3122	1046411

<sup>1)</sup> Do not bend below 0 °C.

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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
3 mm ... 200 mm	PNP	Teach-in button	Cable with M8 male connector, 4-pin, 100 mm <sup>1)</sup>	WTB4-3P3212S54	1046786
			Cable with M8 male connector, 4-pin, 200 mm <sup>1)</sup>	WTB4-3P3212S61	1052910
3 mm ... 250 mm	NPN	Teach-in button	Cable with M8 male connector, 4-pin, 100 mm <sup>1)</sup>	WTB4-3N3212S55	1046787

<sup>1)</sup> Do not bend below 0 °C.

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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
≤ 150 mm	PNP	None	Cable with connector RJ10, 4-pin, 1,371 mm <sup>1)</sup>	WTB4-3P3241S74	1057156

<sup>1)</sup> Do not bend below 0 °C.



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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
2 mm ... 50 mm	NPN	Potentiometer	Male connector M8, 4-pin	WTV4-3N2221P04	1051481
3 mm ... 50 mm	PNP	Teach-in button	Cable with M8 male connector, 4-pin, 100 mm <sup>1)</sup>	WTV4-3P3222S60	1052426
4 mm ... 50 mm	NPN	Potentiometer	Male connector M8, 4-pin	WTV4-3N2221	1048995

<sup>1)</sup> Do not bend below 0 °C.

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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
10 mm ... 60 mm	PNP	Potentiometer	Connector M8, 3-pin	WTF4-3F2161S49	1042432

- **Sensor principle:** Photoelectric retro-reflective sensor
- **Detection principle:** Dual lens
- **Light source:** PinPoint LED
- **Voltage type:** DC
- **Switching mode:** Light switching
- **Type of light:** visible red light

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
0.01 m ... 4.5 m	NPN	Potentiometer	–	WL4-3N3031S02	1042990
				WL4-3N3031S03	1042991
		None	Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WL4-3N3130	1028150
			Cable, 3-wire, 2 m <sup>1)</sup>	WL4-3N1330	1028148
			Connector M8, 3-pin	WL4-3N2130	1028151
	PNP	None	Cable with M12 male connector, 4-pin, 150 mm <sup>1)</sup>	WL4-3P3430	1044347
			Cable with Tyco connector, 1,400 mm <sup>1)</sup>	WL4-3P3030S32	1058696
			Cable with Tyco connector, 1,750 mm <sup>1)</sup>	WL4-3P3030S33	1058697
			Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WL4-3P3130	1028144
			Cable, 3-wire, 2 m <sup>1)</sup>	WL4-3P1330	1028143
			Cable, 3-wire, 5 m <sup>1)</sup>	WL4-3P1430	1050558
			Connector M8, 3-pin	WL4-3P2130	1028146

<sup>1)</sup> Do not bend below 0 °C.

- **Sensor principle:** Photoelectric retro-reflective sensor
- **Detection principle:** Dual lens
- **Light source:** PinPoint LED
- **Voltage type:** DC
- **Switching mode:** Dark switching
- **Type of light:** visible red light

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
0.01 m ... 4.5 m	NPN	None	–	WL4-3E3030S21	1029891
			Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WL4-3E3130	1028157
			Cable, 3-wire, 2 m <sup>1)</sup>	WL4-3E1330	1028156
			Connector M8, 3-pin	WL4-3E2130	1028158
	PNP	None	–	WL4-3F3030S35	1068099
			Cable with M12 male connector, 4-pin, 150 mm <sup>1)</sup>	WL4-3F3430S29	1043682
			Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WL4-3F3130	1028153
			Cable, 3-wire, 2 m <sup>1)</sup>	WL4-3F1330	1028152
			Connector M8, 3-pin	WL4-3F2130	1028155

<sup>1)</sup> Do not bend below 0 °C.

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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
0.01 m ... 4.5 m	PNP	Teach-in button	Cable with M12 male connector, 4-pin, 150 mm	WL4C-3P3432A00	1099421
			Male connector M8, 4-pin	WL4C-3P2232A00	1080930
				WL4C-3P2232A70	1080931
				WL4C-3P2232A71	1080932
		None	Cable with M12 male connector, 4-pin, 150 mm <sup>1)</sup>	WL4-3K3430	1106886
			Cable with M8 male connector, 4-pin, 100 mm <sup>1)</sup>	WL4-3P3230	1028145
			Male connector M8, 4-pin	WL4-3P2230	1028147

<sup>1)</sup> Do not bend below 0 °C.

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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
0.01 m ... 4.5 m	PNP	None	Male connector M8, 4-pin	WL4-3P2260S27	1042429

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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
0.01 m ... 4.5 m	PNP	None	Male connector M8, 4-pin	WL4-3F2260S28	1042430

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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
0.4 m ... 3.5 m	NPN	None	Cable, 3-wire <sup>1)</sup>	WL4-3N1310S25	1029959
	PNP	None	Cable with M12 male connector, 4-pin, 150 mm <sup>1)</sup>	WL4-3P3410S19	1029889
			Cable, 3-wire, 2 m <sup>1)</sup>	WL4-3P1310S31	1044668
			Cable with male connector, 450 mm <sup>1)</sup>	WL4-3P3010S22	1042455

<sup>1)</sup> Do not bend below 0 °C.

- **Sensor principle:** Photoelectric retro-reflective sensor
- **Detection principle:** Dual lens
- **Light source:** LED
- **Voltage type:** DC
- **Switching mode:** Light/dark switching
- **Type of light:** Infrared light

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
0.4 m ... 9 m	PNP	None	Cable with male connector, 270 mm <sup>1)</sup>	WL4-3P3010S23	1029892

<sup>1)</sup> Do not bend below 0 °C.

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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
0 m ... 4 m	NPN	None	Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WSE4-3E3130	1028174
			Cable, 3-wire, 2 m <sup>1)</sup>	WSE4-3E1330	1028172
			Connector M8, 3-pin	WSE4-3E2130	1028175
	PNP	Potentiometer	Connector M8, 3-pin	WSE4-3F2131	1041132
		None	Cable with M12 male connector, 4-pin, 150 mm <sup>1)</sup>	WSE4-3F3430	1044346
			Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WSE4-3F3130	1028170
			Cable, 3-wire, 2 m <sup>1)</sup>	WSE4-3F1330	1028168
			Connector M8, 3-pin	WSE4-3F2130	1028171

<sup>1)</sup> Do not bend below 0 °C.

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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
0 m ... 1.5 m	PNP	None	Connector M8, 3-pin	WSE4-3P2130S03	1066598
0 m ... 4 m	NPN	None	Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WSE4-3N3130	1028166
			Cable, 3-wire, 2 m <sup>1)</sup>	WSE4-3N1330	1028164
			Connector M8, 3-pin	WSE4-3N2130	1028167
	PNP	Potentiometer	Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WSE4-3P3131	1029898
		None	Cable with connector M8, 3-pin, 100 mm <sup>1)</sup>	WSE4-3P3130	1028161
			Cable, 3-wire, 2 m <sup>1)</sup>	WSE4-3P1330	1028159
			Cable, 3-wire, 5 m <sup>1)</sup>	WSE4-3P1430	1029645
			Connector M8, 3-pin	WSE4-3P2130	1028163

<sup>1)</sup> Do not bend below 0 °C.

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

Sensing range max.	Switching output	Adjustment	Connection type	Type	Part no.
0 m ... 0.9 m	PNP	None	Male connector M8, 4-pin	WSE4-3P2230S02	1043260
0 m ... 4 m	PNP	Cable	Male connector M8, 4-pin	WSE4C-3P2230A00	1080936
				WSE4C-3P2230A70	1080937
				WSE4C-3P2230A71	1080938
		None	Male connector M8, 4-pin	WSE4-3P2230	1028160

## 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)