



Roller Sensor Bar

Flexible conveyor belt sensor for detecting irregular leading edges

SICK
Sensor Intelligence.

Advantages



Easy and quick installation with spring-loaded mounting

Reduce installation time by up to 30% by taking advantage of the Roller Sensor Bar's spring-loaded end cap for seamless integration into the conveyor side channel using standard mounting brackets. Decrease installation costs by pre-mounting the sensor in the factory, thereby reducing field labor costs.



Flexible mounting options offer quick and easy integration into roller conveyors, flexible conveyors, live roller conveyors, between belted conveyor sections, and into automated storage and retrieval systems



The self-centering spring-loaded mounting mechanism ensures a quick commissioning experience by eliminating the need for installation tools and added accessories



Performance for individual applications

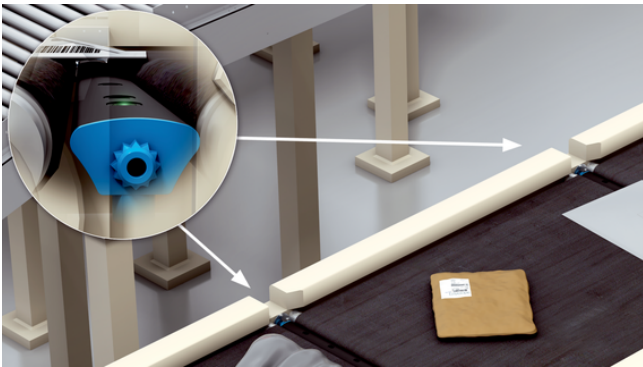
Optimize the conveyor sensor's performance by selecting a Roller Sensor Bar configuration that is designed for application requirements. The Roller Sensor Bar reduces blind zones on either end of the conveyor by offering housing lengths between 200 mm-1200 mm (7.87" - 47.24"). Configuring the length of the sensor allows for integration into many conveyor types. Performance is configured by selecting a beam spacing between 50 mm and 200 mm (1.97" - 7.87") to detect poly bags, jiffy packs, boxes, totes, and pallets. Mount the sensor between rollers or belted sections to detect objects between conveyor sections and in transfer zones.



Optimize sensor performance based on application needs: the Roller Sensor Bar accommodates between 2-8 sensing points and beam spacing between 50mm - 200 mm (1.97" - 7.87"). Remove blind zones on the near and far side of the conveyor bed by selecting a beam spacing which meets minimum detectable object requirements.



Seamless integration into conveyor control panels with 10 catalog connection types and 9 standard cable lengths



Mounting of the Roller Sensor Bar between belt sections



Precise leading edge detection and object overhang detection to decrease conveyor jams and increase efficiency



Eliminate the need to qualify multiple sensing solutions by leveraging the Roller Sensor Bar, which is configured to detect distances between 200 mm and 1200 mm (7.87" - 47.24") for a variety of conveyor widths.



Reliable sensor technology

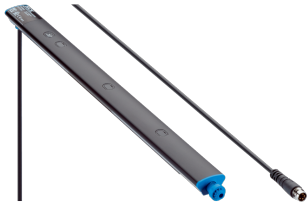
Equipped with excellent ambient light immunity, the Roller Sensor Bar increases throughput by reducing false trips on objects in the background.



Reduce conveyor downtime by decreasing false detections on objects in the background using the Roller Sensor Bar's ambient light immunity and pre-programmed sensing range



No ingress of dust, and impervious to water while cleaning due to the Roller Sensor Bar's IP67 rated housing



Technical data overview

Dimensions (W x H x D)

662 mm x 20.3 mm x 17 mm ¹⁾
891 mm x 20.3 mm x 17 mm ¹⁾
510 mm x 20.3 mm x 17 mm ¹⁾
600 mm x 20.3 mm x 17 mm ¹⁾
607 mm x 20.3 mm x 17 mm ¹⁾
380 mm x 20.3 mm x 17 mm ¹⁾
820 mm x 20.3 mm x 17 mm ¹⁾
900 mm x 20.3 mm x 17 mm ¹⁾
404 mm x 20.3 mm x 17 mm ¹⁾
440 mm x 20.3 mm x 17 mm ¹⁾
340 mm x 20.3 mm x 17 mm ¹⁾
462 mm x 20.3 mm x 17 mm ¹⁾
682 mm x 20.3 mm x 17 mm ¹⁾
1,143 mm x 20.3 mm x 17 mm ¹⁾
910 mm x 20.3 mm x 17 mm ¹⁾
842 mm x 20.3 mm x 17 mm ¹⁾
420 mm x 20.3 mm x 17 mm ¹⁾
472 mm x 20.3 mm x 17 mm ¹⁾
620 mm x 20.3 mm x 17 mm ¹⁾
672 mm x 20.3 mm x 17 mm ¹⁾
700 mm x 20.3 mm x 17 mm ¹⁾
1,020 mm x 20.3 mm x 17 mm ¹⁾
559 mm x 20.3 mm x 17 mm ¹⁾
561 mm x 20.3 mm x 17 mm ¹⁾
711 mm x 20.3 mm x 17 mm ¹⁾
713 mm x 20.3 mm x 17 mm ¹⁾
755 mm x 20.3 mm x 17 mm ¹⁾
825 mm x 20.3 mm x 17 mm ¹⁾
250 mm x 20.3 mm x 17 mm ¹⁾
358 mm x 20.3 mm x 17 mm ¹⁾
376 mm x 20.3 mm x 17 mm ¹⁾
417 mm x 20.3 mm x 17 mm ¹⁾
464 mm x 20.3 mm x 17 mm ¹⁾
469 mm x 20.3 mm x 17 mm ¹⁾
517 mm x 20.3 mm x 17 mm ¹⁾
617 mm x 20.3 mm x 17 mm ¹⁾
618 mm x 20.3 mm x 17 mm ¹⁾
664 mm x 20.3 mm x 17 mm ¹⁾
669 mm x 20.3 mm x 17 mm ¹⁾
410 mm x 20.3 mm x 17 mm ¹⁾
450 mm x 20.3 mm x 17 mm ¹⁾
457 mm x 20.3 mm x 17 mm ¹⁾
540 mm x 20.3 mm x 17 mm ¹⁾
655 mm x 20.3 mm x 17 mm ¹⁾
690 mm x 20.3 mm x 17 mm ¹⁾
760 mm x 20.3 mm x 17 mm ¹⁾
810 mm x 20.3 mm x 17 mm ¹⁾
840 mm x 20.3 mm x 17 mm ¹⁾
200 mm x 20.3 mm x 17 mm ¹⁾
310 mm x 20.3 mm x 17 mm ¹⁾
386 mm x 20.3 mm x 17 mm ¹⁾
400 mm x 20.3 mm x 17 mm ¹⁾

¹⁾ W = length of Roller Sensor Bar (in the installed state).

425 mm x 20.3 mm x 17 mm ¹⁾
465 mm x 20.3 mm x 17 mm ¹⁾
474 mm x 20.3 mm x 17 mm ¹⁾
486 mm x 20.3 mm x 17 mm ¹⁾
490 mm x 20.3 mm x 17 mm ¹⁾
500 mm x 20.3 mm x 17 mm ¹⁾
525 mm x 20.3 mm x 17 mm ¹⁾
560 mm x 20.3 mm x 17 mm ¹⁾
586 mm x 20.3 mm x 17 mm ¹⁾
615 mm x 20.3 mm x 17 mm ¹⁾
625 mm x 20.3 mm x 17 mm ¹⁾
768 mm x 20.3 mm x 17 mm ¹⁾
786 mm x 20.3 mm x 17 mm ¹⁾
920 mm x 20.3 mm x 17 mm ¹⁾
1,000 mm x 20.3 mm x 17 mm ¹⁾
1,073 mm x 20.3 mm x 17 mm ¹⁾
1,200 mm x 20.3 mm x 17 mm ¹⁾
350 mm x 20.3 mm x 17 mm ¹⁾
460 mm x 20.3 mm x 17 mm ¹⁾
475 mm x 20.3 mm x 17 mm ¹⁾
550 mm x 20.3 mm x 17 mm ¹⁾
610 mm x 20.3 mm x 17 mm ¹⁾
762 mm x 20.3 mm x 17 mm ¹⁾
860 mm x 20.3 mm x 17 mm ¹⁾
295 mm x 20.3 mm x 17 mm ¹⁾
300 mm x 20.3 mm x 17 mm ¹⁾
636 mm x 20.3 mm x 17 mm ¹⁾
710 mm x 20.3 mm x 17 mm ¹⁾
800 mm x 20.3 mm x 17 mm ¹⁾
480 mm x 20.3 mm x 17 mm ¹⁾
848 mm x 20.3 mm x 17 mm ¹⁾
1,198 mm x 20.3 mm x 17 mm ¹⁾
320 mm x 20.3 mm x 17 mm ¹⁾
650 mm x 20.3 mm x 17 mm ¹⁾
685 mm x 20.3 mm x 17 mm ¹⁾
345 mm x 20.3 mm x 17 mm ¹⁾
409 mm x 20.3 mm x 17 mm ¹⁾
411 mm x 20.3 mm x 17 mm ¹⁾
570 mm x 20.3 mm x 17 mm ¹⁾
609 mm x 20.3 mm x 17 mm ¹⁾
611 mm x 20.3 mm x 17 mm ¹⁾
640 mm x 20.3 mm x 17 mm ¹⁾
850 mm x 20.3 mm x 17 mm ¹⁾
914 mm x 20.3 mm x 17 mm ¹⁾
330 mm x 20.3 mm x 17 mm ¹⁾
360 mm x 20.3 mm x 17 mm ¹⁾
390 mm x 20.3 mm x 17 mm ¹⁾
458 mm x 20.3 mm x 17 mm ¹⁾
520 mm x 20.3 mm x 17 mm ¹⁾
555 mm x 20.3 mm x 17 mm ¹⁾
660 mm x 20.3 mm x 17 mm ¹⁾
720 mm x 20.3 mm x 17 mm ¹⁾
750 mm x 20.3 mm x 17 mm ¹⁾

¹⁾ W = length of Roller Sensor Bar (in the installed state).

	864 mm x 20.3 mm x 17 mm ¹⁾
	635 mm x 20.3 mm x 17 mm ¹⁾
	614 mm x 20.3 mm x 17 mm ¹⁾
	725 mm x 20.3 mm x 17 mm ¹⁾
	863 mm x 20.3 mm x 17 mm ¹⁾
	856 mm x 20.3 mm x 17 mm ¹⁾
	859 mm x 20.3 mm x 17 mm ¹⁾
	439 mm x 20.3 mm x 17 mm ¹⁾
	537 mm x 20.3 mm x 17 mm ¹⁾
	908 mm x 20.3 mm x 17 mm ¹⁾
	556 mm x 20.3 mm x 17 mm ¹⁾
Functional principle detail	Energetic
Light source	LED
Type of light	Infrared light
Enclosure rating	IP67
Housing material	Metal
Adjustment	None

¹⁾ W = length of Roller Sensor Bar (in the installed state).

Product description

The Roller Sensor Bar conveyor sensor is designed to be mounted between rollers and is an elegant, simple solution for reliable detection of objects with irregular leading edges. Sensing performance is optimized through the ability to configure length and beam spacing to the mm. By mounting the Roller Sensor Bar between the rollers, object catch points can be removed thereby decreasing conveyor downtime due to jams. The spring-loaded assembly of the Roller Sensor Bar, which can be mounted in the factory rather than in the field, decreases installation costs by more than half. Commissioning costs are reduced by eliminating the need to teach and align the sensor.

At a glance

- Precise detection of leading edges
- Outstanding ambient light immunity
- Easy installation
- Housing length: 200 mm to 1,200 mm (7.87" - 47.24")
- Beam separation: 50 mm to 200 mm (1.97" - 7.87")
- Number of sensing points: 2 to 8

Your benefits

- Reduce conveyor downtime due to false switchings on background-objects
- Optimize sensor performance by configuring beam spacing to the mm
- Increase detection area across the entire conveyor bed by removing blind zones on the near and far side of the conveyor
- Significantly decrease installation costs with a tool-free installation using a spring-loaded end cap
- Eliminate the need for sensor alignment and teaching with factory preset sensing range

Ordering information

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

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 662 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
Light switching	PNP	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0662E120091PP3DZZZP0B	1134561
		Cable, 4-wire ¹⁾	RSB1-0662C170161PZ1GZZZZZZ	1140702
			RSB1-0662E120091PP1GZZZZZZ	1135248
Light/dark switching	Push-pull: PNP/NPN	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0662E130071BA4BZZZP0B	1134314
		Cable, 4-wire ¹⁾	RSB1-0662E108115AB1EZZZP0A	1133153

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 891 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
Light switching	PNP	Cable, 4-wire ¹⁾	RSB1-0891H099099PP1GZZZP0A	1129439
Light/dark switching	PNP: open collector	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0891G108108HK4GZZZZZZ	1143778

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 510 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP: open collector

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable, 4-wire ¹⁾	–	RSB1-0510E100050HZ1DZZZP0B	1137237

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 600 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
Light switching	NPN	Cable, 4-wire ¹⁾	RSB1-0600F100050NZ1BZZZPOB	1146392
			RSB1-0600H050125NZ1BZZZPOB	1146388
	Push-pull: PNP/NPN	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0600H069059AZ3FZZZPOD	1137147
Light/dark switching	PNP	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0600E100100PF4CZZZZZ	1138858
	Push-pull: PNP/NPN		RSB1-0600H069059AB4BZZZPOA	1128730

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 607 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable, 4-wire ¹⁾	–	RSB1-0607H051125NZ1BZZZPOB	1146393

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 380 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching output	Connection type	Type	Part no.
PNP	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0380F050050PZ4CZZZPOC	1143047
		RSB1-0380F050065PZ4CZZZPOC	1143406
	Cable, 4-wire ¹⁾	RSB1-0380F050065PP1FZZZZZ	1131479
PNP: open collector	Cable, 4-wire ¹⁾	RSB1-0380F050065HH1FZZZZZ	1131710
Push-pull: PNP/NPN	Cable, 4-wire ¹⁾	RSB1-0380F050065AA1DZZZPOC	1130290

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 820 mm
- **Functional principle detail:** Energetic
- **Switching output:** push-pull: PNP/NPN
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Connection type	Type	Part no.
–	Cable with Stocko-connector (MKF-13264) ¹⁾	RSB1-0820G108108AB0CS05POD	1146400
Light switching	Cable, 4-wire ¹⁾	RSB1-0820F117117AZ1GZZZPOC	1140826
Light/dark switching	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0820E108108AB3CZZZPOA	1141993
		RSB1-0820G108108AB3CZZZPOA	1141992

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 900 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching output	Connection type	Type	Part no.
PNP: open collector	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0900H100100HH3CZZZZZZ	1143015
Push-pull: PNP/NPN	Cable, 4-wire ¹⁾	RSB1-0900H100100AZ1GZZZPOC	1144329

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 404 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Connection type	Type	Part no.
Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0404F060050AB4DZZZPOB	1137057
Cable, 4-wire ¹⁾	RSB1-0404D093063AB1GZZZPOD	1131311

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 440 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
–	Push-pull: PNP/NPN	Cable, 4-wire ¹⁾	RSB1-0440D108066AA1EZZZP0D	1147611
Dark switching	PNP	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0440B170130FZ3DZZZP0D	1145129
			RSB1-0440C110110FF3BZZZZZ	1128896
Light/dark switching	PNP: open collector	Cable with connector RJ12, 6-pin ¹⁾	RSB1-0440C125095HKAHZZZZZ	1130381

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 340 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable, 4-wire ¹⁾	–	RSB1-0340E060050PF1GZZZZZ	1133039

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 462 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
Light switching	PNP	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0462D115059PP3DZZZP0B	1134560
			RSB1-0462B170146PZ1GZZZZZ	1140701
		Cable, 4-wire ¹⁾	RSB1-0462D115059PP1GZZZZZ	1135249
Light/dark switching	PNP: open collector	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0462E090051KH3EZZZZZ	1139194
			RSB1-0462E090051KH3GZZZZZ	1139203
		Cable with connector RJ12, 6-pin ¹⁾	RSB1-0462E090051KHAEZZZZZ	1130977
			RSB1-0462E090051KHAGZZZZZ	1130978
	Push-pull: PNP/NPN	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0462D110066BA4BZZZP0B	1134316

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 682 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
Light switching	NPN: open collector	Cable, 4-wire ¹⁾	RSB1-0682B150266GZ1GZZZZZ	1132572
Light/dark switching	Push-pull: PNP/NPN	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0682C170171AB4CZZZZZ	1130795

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 1,143 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable, 4-wire ¹⁾	–	RSB1-1143F184112FP1KZZZZZ	1131862

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 910 mm
- **Functional principle detail:** Energetic
- **Switching output:** push-pull: PNP/NPN
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Connection type	Type	Part no.
–	Cable with connector M8, 3-pin ¹⁾	RSB1-0910H101050AZ2DZZZPOA	1140522
Light/dark switching	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0910H101102BA4KZZZPOA	1130380

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 842 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
–	PNP	Cable with connector M8, 3-pin ¹⁾	RSB1-0842H106050PZ2DZZZZZ	1143117
Light/dark switching	Push-pull: PNP/NPN	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0842H095095AB4DZZZZZ	1142557

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 420 mm
- **Functional principle detail:** Energetic
- **Switching output:** push-pull: PNP/NPN
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Connection type	Type	Part no.
–	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0420G051057AA4EZZZPOA	1148427
Light/dark switching	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0420C070140BA3BZZZZZ	1126029
		RSB1-0420C070140BA3CZZZZZ	1126030
		RSB1-0420C070140BA3DZZZZZ	1126031
		RSB1-0420C070140BA3EZZZZZ	1126032
		RSB1-0420C070140BA3KZZZZZ	1140167
		RSB1-0420C105105AB3CZZZPOA	1141990

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 472 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M8, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** –

Type	Part no.
RSB1-0472D094095FP3DZZZPOA	1127366
RSB1-0472D094095FP3DZZZPOC	1127572
RSB1-0472D094095FP3DZZZZZ	1127570

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 620 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	-	RSB1-0620E108108AB3CZZZPOA	1141991

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 672 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** -

Switching output	Connection type	Type	Part no.
PNP	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0672D134135FP3DZZZPOA	1127367
		RSB1-0672D134135FP3DZZZPOC	1127573
		RSB1-0672D134135FP3DZZZZZ	1127571
PNP: open collector	Cable with connector RJ12, 6-pin ¹⁾	RSB1-0672E121094HKAHZZZZZ	1130385

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 700 mm
- **Functional principle detail:** Energetic

Switching output	Light source	Type of light	Connection type	Setting Method	Type	Part no.
Push-pull: PNP/NPN	LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	-	RSB1-0700B200250AB3CZZZPOA	1147640

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 1,020 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	-	RSB1-1020H108108AB3CZZZPOA	1141994

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 559 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** -

Switching mode	Switching output	Connection type	Type	Part no.
-	Push-pull: PNP/NPN	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0559G070070AB3GZZZZZZ	1148062
Light switching	PNP	Cable with MOLEX-connector 43025-0400, 4-pin ¹⁾	RSB1-0559E100080PZEFZZZZZZ	1130311
	Push-pull: PNP/NPN	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0559C140140AA3CZZZPOB	1134645

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 561 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	-	RSB1-0561E085105PZ3GZZZPOB	1137508

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 711 mm
- **Functional principle detail:** Energetic
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** -

Switching mode	Connection type	Type	Part no.
-	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0711D142143PF4EZZZPOA	1146873
Light switching	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0711F108085PZ3GZZZPOB	1136985

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 713 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	-	RSB1-0713F100105PZ3GZZZPOB	1137319

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 755 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	-	RSB1-0755D151151PF3GZZZPOB	1142626

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 825 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
Light switching	PNP	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0825C200213PZ4DZZZPOB	1129839
		Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0825D165165PZ3DZZZPOB	1129150 1129438
Light/dark switching	PNP: open collector	Cable with connector RJ12, 6-pin ¹⁾	RSB1-0825G106095HKAHZZZZZ	1130386

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 250 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
Light switching	Push-pull: PNP/NPN	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0250D050050AA3FZZZPOC	1131565
Light/dark switching	PNP	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0250D050050PF4CZZZPOD	1140140

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 358 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	–	RSB1-0358D086050FZ3DZZZPOC	1138373

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 376 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	-	RSB1-0376C108076FZ3DZZZPOC	1138121

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 417 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M8, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** -

Type	Part no.
RSB1-0417C070140BA3CZZZPOC	1144214
RSB1-0417C070140BA3DZZZPOC	1145356

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 464 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M8, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** -

Type	Part no.
RSB1-0464D095110FZ3CZZZPOC	1136246
RSB1-0464F055139FZ3CZZZPOC	1136248

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 469 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M8, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** –

Type	Part no.
RSB1-0469D102094FZ3DZZZPOC	1136420
RSB1-0469F055140FZ3CZZZPOC	1136570

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 517 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Connection type	Type	Part no.
Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0517C130130KZ3DZZZPOC	1145357
Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0517C130130KZ5DZZZPOC	1145358
	RSB1-0517C130130KZ5EZZZPOC	1144215

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 617 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M8, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** –

Type	Part no.
RSB1-0617E108108AB3CZZZPOC	1144216
RSB1-0617E108108AB3DZZZPOC	1145359

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 618 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
Dark switching	PNP	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0618E108108FZ3DZZZPOC	1137617
Light/dark switching	PNP: open collector	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0618F100050HK4CZZZPOC	1142751

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 664 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	–	RSB1-0664D140140FZ3CZZZPOC	1136247

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 669 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M8, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** –

Type	Part no.
RSB1-0669D140137FZ3DZZZPOC	1136421
RSB1-0669H055140FZ3CZZZPOC	1136748

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 410 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
Dark switching	Push-pull: PNP/NPN	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0410D082082BZ4CZZZZZ	1126612
Light/dark switching	PNP	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0410G050050PF3EZZZPOD	1145841
	PNP: open collector	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0410B200103HK4CZZZPOA	1137447

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 450 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
–	PNP	Cable with M8 special connector, 4-pin, 137 mm ¹⁾	RSB1-0450B150150FZ0BS06ZZZ	1145741
Dark switching	PNP	Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0450B150150FZ5BZZZZZ	1144285
Light/dark switching	NPN		RSB1-0450H050050NE5GZZZZZ	1129398
	PNP	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0450H050050FP4BZZZZZ	1128626
		Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0450H050050PF3EZZZPOD	1145069
		Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0450H050050PF5GZZZZZ	1129602
	PNP: open collector	Cable with connector RJ12, 6-pin ¹⁾	RSB1-0450D087095HKAHZZZZZ	1130382

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 457 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
–	Push-pull: PNP/NPN	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0457G057057AB3GZZZZZ	1148061
Dark switching	PNP		RSB1-0457B200129FZ3HZZZP0D	1128649
Light/dark switching	Push-pull: PNP/NPN	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0457C100129AB4CZZZZZ	1130794

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 540 mm
- **Functional principle detail:** Energetic
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Connection type	Type	Part no.
–	Cable with M8 special connector, 4-pin, 137 mm ¹⁾	RSB1-0540C170100FZ0BS06ZZZ	1145742
Dark switching	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0540C135135FZ3DZZZP0D	1145130
	Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0540C170100FZ5BZZZZZ	1144286

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 655 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
–	PNP	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0655H072073PF3EZZZP0D	1147245
Light/dark switching	Push-pull: PNP/NPN	Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0655H065050AB5BZZZZZ	1143188

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 690 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
–	PNP: open collector	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0690F098099HH4BS01ZZZ	1148057
Dark switching	PNP	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0690D138138FZ3DZZZPOD	1145131

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 760 mm
- **Functional principle detail:** Energetic
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M8, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** –

Switching mode	Type	Part no.
–	RSB1-0760H084085PF3EZZZPOD	1147061
Light/dark switching	RSB1-0760H050050PF3EZZZPOD	1145809

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 810 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	–	RSB1-0810H090090AZ3FZZZPOD	1136933

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 840 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	-	RSB1-0840D168168FZ3DZZZPOD	1145132

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 200 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** -

Switching output	Connection type	Type	Part no.
NPN	Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0200B070065NE5GZZZZZ	1129399
PNP		RSB1-0200B070065PF5GZZZZZ	1129603
Push-pull: PNP/NPN	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0200B060070BA4EZZZZZ	1126611
	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0200B050075BA3DZZZZZ	1127036

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 310 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** -

Connection type	Type	Part no.
Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0310B104103HK4CZZZPOA	1137446
Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0310D070050KH3EZZZZZ	1139191
	RSB1-0310D070050KH3GZZZZZ	1139193
Cable with connector RJ12, 6-pin ¹⁾	RSB1-0310D070050KHAEZZZZZ	1130975
	RSB1-0310D070050KHAGZZZZZ	1130976

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 386 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M8, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** –

Type	Part no.
RSB1-0386C105088KK3FZZP02	1126549
RSB1-0386C105088KK3FZZZZZ	1126332

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 400 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching output	Connection type	Type	Part no.
PNP	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0400C100100PF4CZZZZZ	1138856
Push-pull: PNP/NPN		RSB1-0400C100100AB4DZZZZZ	1128684
	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0400B130135BA3DZZZZZ	1127035

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 425 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M8, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** –

Type	Part no.
RSB1-0425B200113HK3CZZZZZ	1134067
RSB1-0425D092075HK3CZZZZZ	1134065

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 465 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	-	RSB1-0465C116117FP3EZZZZZ	1128210

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 474 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	-	RSB1-0474D095095PZ3CZZZZZ	1135337

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 486 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** -

Switching mode	Switching output	Connection type	Type	Part no.
Dark switching	PNP: open collector	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0486C130113KK3FZZZP02	1126550
			RSB1-0486C130113KK3FZZZZZ	1126316
Light switching	PNP	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0486C130113PP4BZZZZZ	1126721

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 490 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching output	Connection type	Type	Part no.
PNP	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0490H050050PF4GZZZPOB	1139564
Push-pull: PNP/NPN	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0490D070140BA3FZZZZZZ	1126033
		RSB1-0490D070140BA3GZZZZZZ	1126107
		RSB1-0490D070140BA3HZZZZZZ	1126108
		RSB1-0490D070140BA3KZZZZZZ	1126109

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 500 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.	
Dark switching	PNP	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0500D100100FF4EZZZPOB	1140168	
Light switching	PNP		RSB1-0500D100100PZ4EZZZPOB	1142376	
	Push-pull: PNP/NPN		RSB1-0500C180070AA4CZZZPOB	1142728	
Light/dark switching	PNP	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0500C125125FP4EZZZPOB	1129554	
			RSB1-0500D100100PF4CZZZZZZ	1138857	
	PNP: open collector	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0500C125125FP3CZZZZZZ	1127674	
			Cable with connector RJ12, 6-pin ¹⁾	RSB1-0500D103096HKAHZZZZZZ	1130383
			Push-pull: PNP/NPN	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0500C070180BA4BZZZZZZ
	RSB1-0500C070180BA4CZZZZZZ	1126120			
	RSB1-0500C070180BA4DZZZZZZ	1126121			
			RSB1-0500C070180BA4EZZZZZZ	1126122	

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 525 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	-	RSB1-0525D125075PF3CZZZZZ	1131306

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 560 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** -

Switching output	Connection type	Type	Part no.
PNP	Cable with connector RJ12, 6-pin ¹⁾	RSB1-0560G070070FPAEZZZZZ	1129145
Push-pull: PNP/NPN	Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0560E070140BA31ZZZZZ	1126110

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 586 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M8, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** -

Type	Part no.
RSB1-0586C155138KK3FZZZP02	1126551
RSB1-0586C155138KK3FZZZZZ	1126317

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 615 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Connection type	Type	Part no.
Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0615F050183HK4CZZZPOA	1134400
Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0615F103050KH3EZZZZZZ	1139195
	RSB1-0615F103050KH3GZZZZZZ	1139196
Cable with connector RJ12, 6-pin ¹⁾	RSB1-0615F103050KHAEZZZZZZ	1130979
	RSB1-0615F103050KHAGZZZZZZ	1130980

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 625 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M8, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** –

Type	Part no.
RSB1-0625B200213HK3CZZZZZZ	1134066
RSB1-0625D159074HK3CZZZZZZ	1134064

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 768 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Connection type	Type	Part no.
Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0768G111051KH3EZZZZZZ	1139197
	RSB1-0768G111051KH3GZZZZZZ	1139198
Cable with connector RJ12, 6-pin ¹⁾	RSB1-0768G111051KHAEZZZZZZ	1130973
	RSB1-0768G111051KHAGZZZZZZ	1130974

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 786 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M8, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** –

Type	Part no.
RSB1-0786E137119KK3FZZZP01	1126548
RSB1-0786E137119KK3FZZZP02	1126552
RSB1-0786E137119KK3FZZZZZ	1126318

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 920 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Connection type	Type	Part no.
Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-0920G128076KH3EZZZZZ	1139199
	RSB1-0920G128076KH3GZZZZZ	1139200
Cable with connector RJ12, 6-pin ¹⁾	RSB1-0920G128076KHAEZZZZZ	1130983
	RSB1-0920G128076KHAGZZZZZ	1130984

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 1,000 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M8, 4-pin, with knurled nut ¹⁾	–	RSB1-1000H100150PF3DZZZZZ	1131017

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 1,073 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Connection type	Type	Part no.
Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-1073H131078KH4GZZZZZZ	1145691
Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-1073H131078KH3EZZZZZZ	1139190
	RSB1-1073H131078KH3GZZZZZZ	1139189
Cable with connector RJ12, 6-pin ¹⁾	RSB1-1073H131078KHAEZZZZZZ	1130985
	RSB1-1073H131078KHAGZZZZZZ	1130986

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 1,200 mm
- **Functional principle detail:** Energetic
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Connection type	Type	Part no.	
– Dark switching	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-1200H120050FP4BZZZPOA	1147642	
		RSB1-1200G162123FF4GZZZZZZ	1143261	
		RSB1-1200G162123FZ4BS01ZZZ	1134999	
		RSB1-1200G162123FZ4BZZZZZZ	1134968	
		RSB1-1200G162123FZ4GZZZZZZ	1143340	
		RSB1-1200H125050FZ4CZZZPOA	1143376	
Light switching	Cable with connector RJ12, 6-pin ¹⁾	RSB1-1200H134131PP4BZZZZZZ	1126722	
		RSB1-1200G150150PPAGS01POE	1133503	
		RSB1-1200G150150PPAGS01ZZZ	1133502	
Light/dark switching	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-1200G150150PPAGZZZPOB	1133155	
		RSB1-1200H140070FF4BZZZPOA	1146220	
		Cable with connector M8, 4-pin, with knurled nut ¹⁾	RSB1-1200H134131FP3EZZZZZZ	1126613
		Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-1200H134131PF5GZZZZZZ	1129400

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 350 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	-	RSB1-0350F050050AA4DZZZPOA	1129768

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 460 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	-	RSB1-0460D092092AZ4CZZZPOA	1129944

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 475 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP: open collector

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	-	RSB1-0475C133105HK4CZZZPOA	1134399

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 550 mm
- **Functional principle detail:** Energetic
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M12, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** -

Switching mode	Type	Part no.
Light switching	RSB1-0550F072095PZ4DS04ZZZ	1143052
	RSB1-0550F072095PZ4DZZZZZZ	1139365

Switching mode	Type	Part no.
Light/dark switching	RSB1-0550E055165FP4CZZZPOA	1129423

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 610 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
–	Push-pull: PNP/NPN	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0610D170050AB4BZZZPOA	1147039
			RSB1-0610E127050AB4BZZZPOA	1147040
Dark switching	PNP	Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0610E102101FZ5EZZZPOB	1129103

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 762 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Switching output	Connection type	Type	Part no.
Dark switching	PNP	Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0762F109109FZ5EZZZPOB	1129104
Light switching	PNP	Cable with connector RJ12, 6-pin ¹⁾	RSB1-0762D152153PZAGS01POE	1133499
			RSB1-0762D152153PZAGS01ZZZ	1133498
Light/dark switching	Push-pull: PNP/NPN	Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0762C150231AZ4GZZZPOA	1129052
			RSB1-0762E127127PF4BZZZPOD	1132029
	PNP	Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0762G095096FP5EZZZZZ	1126614

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 860 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP: open collector

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	–	RSB1-0860D143215HK4CZZZPOA	1137449

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 295 mm
- **Functional principle detail:** Energetic
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M12, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** -

Switching mode	Type	Part no.
-	RSB1-0295D059059HH4BS01ZZZ	1148056
Light switching	RSB1-0295C050082HZ4BZZZPOB	1138699

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 300 mm
- **Functional principle detail:** Energetic
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M12, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** -

Switching mode	Type	Part no.
Dark switching	RSB1-0300B100100FF4EZZZPOB	1140169
Light switching	RSB1-0300B100100PZ4EZZZPOB	1142375

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 636 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	-	RSB1-0636C159159PZ4DZZZPOB	1129840

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 710 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	–	RSB1-0710H085050AB4DZZZPOB	1137056

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 800 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	–	RSB1-0800H080080FF4BZZZPOB	1143306

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 480 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M12, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** –

Type	Part no.
RSB1-0480F050050PZ4CZZZPOC	1143065
RSB1-0480H050065PZ4CZZZPOC	1143405

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 848 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	–	RSB1-0848H095095AB4DZZZPOC	1143814

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 1,198 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	-	RSB1-1198H130145AB4DZZZPOC	1146021

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 320 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	-	RSB1-0320C080080AB4CZZZPOD	1133368

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 650 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	-	RSB1-0650E050050BA4BZZZPOD	1141999

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 685 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	-	RSB1-0685D137137FZ4BZZZPOD	1131720

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 345 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	–	RSB1-0345D069069FP4DZZZZZ	1128591

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 409 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M12, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** –

Type	Part no.
RSB1-0409B137137PZ4DS04ZZZ	1143013
RSB1-0409B137137PZ4DZZZZZ	1142529

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 411 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	–	RSB1-0411B137137PZ4DZZZZZ	1139364

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 570 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M12, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** –

Type	Part no.
RSB1-0570D070180BA4FZZZZZ	1126123
RSB1-0570D070180BA4GZZZZZ	1126124
RSB1-0570D070180BA4HZZZZZ	1126181

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 609 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Connection type	Type	Part no.
Cable with connector M12, 4-pin, with knurled nut ¹⁾	RSB1-0609B137237PZ4DS04ZZZ	1143053
	RSB1-0609B137237PZ4DZZZZZ	1142528
Cable with connector RJ12, 6-pin ¹⁾	RSB1-0609C152153PNAGS01POE	1133505
	RSB1-0609C152153PNAGS01ZZZ	1133504

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 611 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	–	RSB1-0611B137237PZ4DZZZZZ	1139366

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 640 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with connector M12, 4-pin, with knurled nut (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** –

Type	Part no.
RSB1-0640E070180BA41ZZZZZ	1126183
RSB1-0640E070180BA4KZZZZZ	1126182

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 850 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP: open collector

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	–	RSB1-0850H106058HK4CZZZZZ	1142078

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 914 mm
- **Functional principle detail:** Energetic
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** –

Switching mode	Connection type	Type	Part no.
Dark switching	Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0914H102100FZ5EZZZPOB	1129105
Light switching	Cable with connector RJ12, 6-pin ¹⁾	RSB1-0914E152153PNAGS01POE	1133507
		RSB1-0914E152153PNAGS01ZZZ	1133506

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 330 mm
- **Functional principle detail:** Energetic
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** -

Switching mode	Connection type	Type	Part no.
-	Cable with M8 special connector, 4-pin, 137 mm ¹⁾	RSB1-0330B130100FZ0BS06ZZZ	1145736
Dark switching	Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0330B130100FZ5BZZZZZ	1144282

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 360 mm
- **Functional principle detail:** Energetic
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** -

Switching mode	Connection type	Type	Part no.
-	Cable with M8 special connector, 4-pin, 137 mm ¹⁾	RSB1-0360B150120FZ0BS06ZZZ	1145739
Dark switching	Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0360B150120FZ5BZZZZZ	1144283

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 390 mm
- **Functional principle detail:** Energetic
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** -

Switching mode	Connection type	Type	Part no.
-	Cable with M8 special connector, 4-pin, 137 mm ¹⁾	RSB1-0390B150130FZ0BS06ZZZ	1145740
Dark switching	Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0390B150130FZ5BZZZZZ	1144284

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 458 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with male connector M8, 4-pin, snap ¹⁾	-	RSB1-0458C115114BA5DZZZZZ	1126184

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 520 mm
- **Functional principle detail:** Energetic
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** cable with male connector M8, 4-pin, snap (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** -

Switching mode	Type	Part no.
Dark switching	RSB1-0520C130130KZ5EZZZZZ	1125559
Light switching	RSB1-0520C130130HZ5EZZZZZ	1130183

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 555 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with male connector M8, 4-pin, snap ¹⁾	-	RSB1-0555H065050AB5BZZZZZ	1143189

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 660 mm
- **Functional principle detail:** Energetic
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** -

Switching mode	Switching output	Connection type	Type	Part no.
-	PNP	Cable with M8 special connector, 4-pin, 137 mm ¹⁾	RSB1-0660D150100FZ0BS06ZZZ	1145743

¹⁾ Due to the manufacturing process, the cable can be a little longer.

Switching mode	Switching output	Connection type	Type	Part no.
Dark switching	PNP	Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0660D150100FZ5BZZZZZ	1144287
Light switching	Push-pull: PNP/NPN		RSB1-0660H075065AA5BZZZZZ	1144765
Light/dark switching	Push-pull: PNP/NPN	Cable with connector RJ12, 6-pin ¹⁾	RSB1-0660G082082ABAGZZZZZ	1143014

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 720 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with male connector M8, 4-pin, snap ¹⁾	-	RSB1-0720H080080AB5BZZZZZ	1143046

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 750 mm
- **Functional principle detail:** Energetic
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Setting Method:** -

Switching mode	Connection type	Type	Part no.
-	Cable with M8 special connector, 4-pin, 137 mm ¹⁾	RSB1-0750D160140FZ0BS06ZZZ	1145764
Dark switching	Cable with male connector M8, 4-pin, snap ¹⁾	RSB1-0750D160140FZ5BZZZZZ	1144288

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 864 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** push-pull: PNP/NPN

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector RJ12, 6-pin ¹⁾	-	RSB1-0864H096096ABADZZZPOA	1142530

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 635 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with connector RJ12, 6-pin ¹⁾	-	RSB1-0635D127127PFAEZZZPOC	1143876

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 614 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light/dark switching
- **Switching output:** PNP: open collector
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** cable with connector RJ12, 6-pin (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** -

Type	Part no.
RSB1-0614D106148HKAHZZZZZ	1130384
RSB1-0614F100057KHA1ZZZZZ	1125706

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 725 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** cable with connector RJ12, 6-pin (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** -

Type	Part no.
RSB1-0725D145145PNAGS01POE	1133501
RSB1-0725D145145PNAGS01ZZZ	1133500
RSB1-0725D145145PNAGZZZZZ	1133481

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 863 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Dark switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with WA-GO terminal 733-104, 4-pin ¹⁾	-	RSB1-0863G108108FZDGZZZPOB	1141706

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 856 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP
- **Light source:** LED
- **Type of light:** Infrared light
- **Connection type:** Cable with MOLEX-connector 43025-0400, 4-pin (Due to the manufacturing process, the cable can be a little longer.)
- **Setting Method:** -

Type	Part no.
RSB1-0856F096220PZ0BS02ZZZ	1136775
RSB1-0856F096220PZEBZZZZZZ	1136773
RSB1-0856G118086PZ0BS02ZZZ	1136774
RSB1-0856G118086PZEBZZZZZZ	1136164
RSB1-0856G120086PZ0BS02ZZZ	1133437

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 859 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with MOLEX-connector 43025-0400, 4-pin ¹⁾	-	RSB1-0859H100080PZEFZZZZZZ	1130312

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 439 mm
- **Functional principle detail:** Energetic

Switching output	Light source	Type of light	Connection type	Setting Method	Type	Part no.
PNP: open collector	LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	–	RSB1-0439D087088HH4BS01ZZZ	1148058

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 537 mm
- **Functional principle detail:** Energetic

Switching output	Light source	Type of light	Connection type	Setting Method	Type	Part no.
PNP: open collector	LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	–	RSB1-0537E089090HH4BS01ZZZ	1148060

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 908 mm
- **Functional principle detail:** Energetic

Switching output	Light source	Type of light	Connection type	Setting Method	Type	Part no.
PNP: open collector	LED	Infrared light	Cable with connector M12, 4-pin, with knurled nut ¹⁾	–	RSB1-0908H100101HH4BS01ZZZ	1148059

¹⁾ Due to the manufacturing process, the cable can be a little longer.

- **Sensing range min. / max.:** 2 mm / 300 mm
- **Functional principle:** Photoelectric proximity sensor
- **Length of Sensor Bar:** 556 mm
- **Functional principle detail:** Energetic
- **Switching mode:** Light switching
- **Switching output:** PNP

Light source	Type of light	Connection type	Setting Method	Type	Part no.
LED	Infrared light	Cable with MOLEX-connector 43025-0400, 4-pin ¹⁾	–	RSB1-0556E100078PZ0BS02ZZZ	1133436

¹⁾ Due to the manufacturing process, the cable can be a little longer.

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