

Специализированные датчики

Технические характеристики

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Специальные фотоэлектрические датчики

Оптимизированы для специализированных отраслей

Для задач, выходящих за рамки стандартных, наш ассортимент также включает узкоспециализированные датчики. Эти датчики, разработанные для конкретных отраслей, обеспечивают оптимальные решения уникальных задач.



Оптоволоконные датчики

Области применения

- Обнаружение объектов в суровых условиях, включающих высокие температуры, вибрации или агрессивные чистящие средства
- Обнаружение объектов в условиях ограниченного пространства
- Обнаружение мелких деталей

Основные преимущества

- Надёжная работа в любых условиях окружающей среды
- Лёгкий ввод в эксплуатацию с помощью функции обучения или потенциометра
- Доступны с интерфейсом IO-Link для лёгкой параметризации (MLV41)
- Доступны модели с высокой мощностью

Технические особенности

- Степень защиты до IP67
- Подходят для полимерного и стеклянного оптоволоконна
- Доступны корпуса, монтируемые на DIN-рейку

Датчики контраста печатных меток

Области применения

- Обнаружение контрастных меток для контроля печати, маркировки и упаковочных систем
- Используются в печатной, упаковочной и пищевой промышленности

Основные преимущества

- Надёжное обнаружение даже слабоконтрастных меток с помощью трёх цветов излучателя (R, G, B) и отдельное обучение для метки и для фона
- Высокая повторяемость точки переключения со световыми пятнами, соответствующими контрастным меткам
- Высокие частоты переключения для чрезвычайно быстрых процессов сканирования

Технические особенности

- Доступен интерфейс IO-Link для служебных данных и данных процесса
- Датчик контраста доступен в стандартных промышленных корпусах
- Статическое или динамическое обучение



- [RLG28-55-4921/40a/73c/136](#)
- Retroreflective area sensor

Retroreflective area sensor with 6 beams in a widely used standard photoelectric housing, red light, 4 m detection range, light/dark on switchable, push-pull output, M12 plug, Retro-reflective area sensor with 6 light beams in standard photoelectric-sensor enclosure, Connection compatibly replaces single beam photoelectric sensor, Reliable detection of the front edge of the object irrespective of its shape and position, Constant object detection from 12 mm within the entire detection area



- [RLG28-55-4921/115b/136](#)
- Retroreflective area sensor

Retroreflective area sensor with 6 beams in a widely used standard photoelectric housing, red light, 4 m detection range, light/dark on, push-pull output, fixed cable with M12 plug, Retro-reflective area sensor with 6 light beams in standard photoelectric-sensor enclosure, Connection compatibly replaces single beam photoelectric sensor, Reliable detection of the front edge of the object irrespective of its shape and position, Constant object detection from 12 mm within the entire detection area



- [GLD3-RT/95/147](#)
- Photoelectric slot sensor

GLD3 series, Push-button programmable, Adjustable sensitivity, Detection of paper and foil labels, including translucent varieties



- [ML100-8-HGU-100-RT/95/103/162](#)
- Convergent beam sensor

Convergent mode sensor, 100 mm adjustable detection range, red light, light/dark on, PNP output, M8 plug, Miniature design, Diffuse mode sensor with long, narrow light spot, Easy to use, Very bright, highly visible light spot, Full metal thread mounting



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- [ML100-8-HGU-100-BU/102/115/162](#)
- Convergent beam sensor

Convergent beam sensor, 100 mm adjustable detection range, blue light, light/dark on, NPN output, fixed cable, Miniature design, Diffuse mode sensor with long, narrow light spot, Easy to use, Very bright, highly visible light spot, Full metal thread mounting



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- [ML100-8-HGU-100-RT/95/102/162](#)
- Convergent beam sensor

Convergent mode sensor, 100 mm adjustable detection range, red light, light/dark on, NPN output, M8 plug, Miniature design, Diffuse mode sensor with long, narrow light spot, Easy to use, Very bright, highly visible light spot, Full metal thread mounting



- [OBP120-R100-2EP-IO-L](#)
- Trigger marks sensor

Laser trigger marks sensor, Miniature design with versatile mounting options, For detecting black trigger marks on a white background, DuraBeam Laser Sensors - durable and employable like an LED, Extended temperature range -40 °C ... 60 °C, High degree of protection IP69K



- [OBP120-R100-2EP-IO-V31-L](#)
- Trigger marks sensor

Laser trigger marks sensor, Miniature design with versatile mounting options, For detecting black trigger marks on a white background, DuraBeam Laser Sensors - durable and employable like an LED, Extended temperature range -40 °C ... 60 °C, High degree of protection IP69K



- [OBP120-R100-EP-IO-V3-L](#)
- Trigger marks sensor

Laser trigger marks sensor, Miniature design with versatile mounting options, For detecting black trigger marks on a white background, DuraBeam Laser Sensors - durable and employable like an LED, Extended temperature range -40 °C ... 60 °C, High degree of protection IP69K



- [GLD3-RT/115/147](#)
- Photoelectric slot sensor

GLD3 series, Push-button programmable, Adjustable sensitivity, Detection of paper and foil labels, including translucent varieties



- [GLD3-RT/115b/123/147](#)
- Photoelectric slot sensor

GLD3 series, Push-button programmable, Adjustable sensitivity, Detection of paper and foil labels, including translucent varieties, Remote teach capability



- [RLG28-55-7226](#)
- Retroreflective area sensor

Retroreflective area sensor with 6 beams in the standard photoelectric-sensor enclosure, red light, 0.6 m detection range, light/dark on, push-pull output, fixed cable with socket, Retro-reflective area sensor with 6 light beams in standard photoelectric-sensor enclosure, Connection compatibly replaces single beam photoelectric sensor, Reliable detection of the front edge of the object irrespective of its shape and position, Constant object detection from 12 mm within the entire detection area



- [RLG28-55/115b/136](#)
- Retroreflective area sensor

Retroreflective area sensor with 6 beams in a widely used standard photoelectric housing, red light, 4 m detection range, light/dark on, push-pull output, fixed cable with M12 plug, Retro-reflective area sensor with 6 light beams in standard photoelectric-sensor enclosure, Connection compatibly replaces single beam photoelectric sensor, Reliable detection of the front edge of the object irrespective of its shape and position, Constant object detection from 12 mm within the entire detection area



- [RLG28-55-7462](#)
- Retroreflective area sensor

Retroreflective area sensor with 6 beams in a widely used standard photoelectric housing, red light, 4 m detection range, light/dark on switchable, push-pull output, M12 plug, Retro-reflective area sensor with 6 light beams in standard photoelectric-sensor enclosure, Connection compatibly replaces single beam photoelectric sensor, Reliable detection of the front edge of the object irrespective of its shape and position, Constant object detection from 12 mm within the entire detection area



- [SBL-8-H-900-IR-SL-V-Z-3110](#)
- Background suppression sensor

Congested track scanner, background suppression sensor, 900 mm adjustable detection range, infrared light, dark on, time relay, 1 PNP output, M12 plug and fixed cable with M12 socket, Background suppression sensor for roller conveyors, For installation between the rollers on a roller conveyor, Very small black-white difference, Adjustable detection range, Can be connected in series



- [SBL-8-H-900-IR/59/65b/73/120](#)
- Background suppression sensor

Congested track scanner, background suppression sensor, 900 mm adjustable detection range, infrared light, dark on, 2 PNP outputs, M12 plug, Background suppression sensor for roller conveyors, For installation between the rollers on a roller conveyor, Very small black-white difference, Adjustable detection range



- [SBL-8-H-900-IR-SL-V-4288](#)
- Background suppression sensor

Congested track scanner, background suppression sensor, 900 mm adjustable detection range, infrared light, dark on, 1 PNP output, M12 plug and fixed cable with M12 socket, Background suppression sensor for roller conveyors, For installation between the rollers on a roller conveyor, Very small black-white difference, Adjustable detection range, Can be connected in series



- [SBL-8-H-900-IR-SL-V-Z-3535](#)
- Background suppression sensor

Congested track scanner, background suppression sensor, 900 mm adjustable detection range, infrared light, dark on, time relay, 1 PNP output, M12 plug and fixed cable with M12 socket, Background suppression sensor for roller conveyors, For installation between the rollers on a roller conveyor, Very small black-white difference, Adjustable detection range, Can be connected in series



- [SBL-8-H-900-IR/25/32/65b/73](#)
- Background suppression sensor

Congested track scanner, background suppression sensor, 900 mm adjustable detection range, infrared light, light on, 1 PNP output, M12 plug, Background suppression sensor for roller conveyors, For installation between the rollers on a roller conveyor, Very small black-white difference, Adjustable detection range



- [SBL-8-H-900-IR/32/59/65b/73](#)
- Background suppression sensor

Congested track scanner, background suppression sensor, 900 mm adjustable detection range, infrared light, dark on, 1 PNP output, M12 plug, Background suppression sensor for roller conveyors, For installation between the rollers on a roller conveyor, Very small black-white difference, Adjustable detection range



- [SBL-8-H-900-IR-SL-V-Z-4568](#)
- Background suppression sensor

Congested track scanner, background suppression sensor, 900 mm adjustable detection range, infrared light, light on, time relay, 1 PNP output, M12 plug, Background suppression sensor for roller conveyors, For installation between the rollers on a roller conveyor, Very small black-white difference, Adjustable detection range, Can be connected in series



- [MLV41-8-HV-60-IR/110/124/167](#)
- Background suppression sensor

Robust diffuse mode sensor for monitoring web breaks, compact housing design, foreground and background suppression, 60 mm detection range, infrared light, push-pull output, stability alarm output, M12 plug, Special device for paper web break control and printing machinery, Active contamination detection, Sensing range 20 mm ... 60 mm, Light scanner with foreground suppression 0 mm ... 15 mm and background suppression beyond 70 mm



- [MLV41-8-HV-60-IR-5360](#)
- Background suppression sensor

Background suppression sensor, Special device for paper web break control and printing machinery, Sensing range 20 mm ... 60 mm, Light scanner with foreground suppression 0 mm ... 15 mm and background suppression beyond 70 mm, Minimal black-white difference, Sturdy aluminum housing

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