



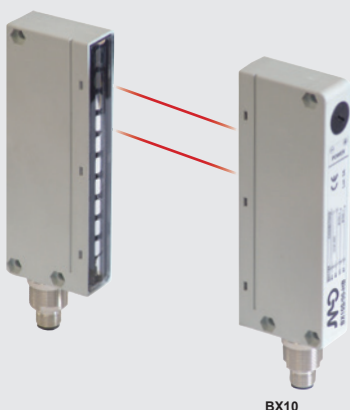
BV6/00-0C



RX8/00-3B



RXC/00-3B



BX10

Photo switches transmit a beam which is reflected back from a detected object (*diffused*) or from a reflector (*retro-reflective*) or can be used with a separate transmitter and receiver (*through beam*) typically used for longer distance sensing.

type	supply voltage	diffused	retro-reflective	polarised retro	through-beam	sensing distance (mm)	PNP	NPN	NO	NC	connector
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BV series (rectangular) 20 - 253 VAC IP67 (EN60529)

- Sensitivity: Adjustable
- Supply protection: Transient protection
- Dimensions: (H) 16 x (W) 37 x (D) 64/70 mm

Diffuse reflection proximity type detection (*no transmitter or reflector required*)

BV4/00-0C	20 - 253 VAC	•				200			•	•	cable
BV6/00-0C	20 - 253 VAC	•				400			•	•	cable

Retro-reflective used together with a reflector

BVC/00-0C	20 - 253 VAC		•			8 met			•	•	cable
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RX series (rectangular) 20 - 60 VDC / 20 - 253 VAC IP65 (EN60529)

- Sensitivity: Adjustable
- Connector: M12 (4pin) plug
- AC/DC supply: 20 - 60 VDC / 20 - 253 VAC
- Relay output: Selectable NO or NC
- Timing function: 0.1-10s ON delay, OFF delay, one shot (selectable)
- LED indication: Output state, alignment, stable signal
- Supply protection: Transient (AC), over voltage (DC), short circuit
- Dimensions: (H) 61 x (W) 26 x (D) 87 mm

Diffuse reflection 20 - 253 VAC proximity type detection (*no transmitter or reflector required*)

RX8/00-3B	20 - 253 VAC	•				2 met			•	•	M12 plug
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Retro-reflective used together with a reflector

RXC/00-3B	20 - 253 VAC		•			12 met			•	•	M12 plug
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Retro-reflective (polarised) used together with a reflector

RXP/00-3B	20 - 253 VAC			•		6 met			•	•	M12 plug
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Through beam (receiver) requires a transmitter and receiver

RXR/00-3B	20 - 253 VAC				•	32 met			•	•	M12 plug
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RXE/00-3B	20 - 253 VAC				•	32 met		(transmitter)			M12 plug
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Mounting accessories

ST 80 metal wall mount mounting bracket for RX photo switches

ST 81 metal base mount mounting bracket for RX photo switches

Cables and M12 connectors (see page K-21)

BX series area sensors 10 - 26 VDC IP67 (EN60529)

Area sensors are supplied with two parts - an emitter and a receiver element. The optical side is made up of an array of synchronised photo elements in order to avoid mutual interference. Ideal solution for detecting irregular shaped objects.

- Sensitivity: Adjustable (*trimmer*)
- Connector: M12 (4pin) plug
- LED indication: Green (*supply*) - red (*alarm sync.*) yellow (*area stable*)
- Supply protection: Short circuit (*auto reset*)
- Dimensions: (H) 120 x (W) 20 x (D) 44 mm

BX04 area sensor 4 optics - 90 mm height, 30 mm optic step (*minimum detectable object 15 mm*)

BX04SR/0A-HB	10 - 26 VDC			•		300 - 2000			•	•	M12 plug
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BX10 area sensor 10 optics - 90 mm height, 10 mm optic step (*minimum detectable object 5 mm*)

BX10SR/0A-HB	10 - 26 VDC			•		300 - 2000			•	•	M12 plug
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Available with 4 and 6 meter sensing distances on request

Cables and M8/12 connectors (see page K-21)