

new



CR0/0B-1V



BX10SR/0A-HB

new



FC5R/DP-0506-1F



FC6I/0B-0506-1F



FC7I/0B-M304-0F

Photoelectric area and fork sensors

type	supply voltage	diffused	retro-reflective	polarised retro	through-beam	sensing distance (mm)	NPN	PNP	NO	NC	connector

CR0 series - Area sensors

CR0 series retroreflective polarised area sensors IP67 (EN60529)

CR0 area sensors are retroreflective and work in junction with RL106G reflector (supplied). Made up of an array of synchronised photo elements in order to avoid mutual interference.

- Nominal sensing distance: 0.2 ... 4.5 meters
- Controlled height: 69 mm
- Minimum detectable object: 3...6 mm @ 2m - 3...10 mm @ 4.5m
- Connection: 25 cm pigtail with M12 5pin plug
- Dimensions: (H) 107 X (W) 20 X (D) 36 mm

CR0/0B-1V	16...30 VDC	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.2...4.5 met	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M12 plug
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BX series - Through-beam area sensors

(H) 145 x (W) 20 x (D) 45 mm

BX 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

- Nominal sensing distance: 0.3... 2 meters
- Controlled height: 90 mm
- Minimum detectable object: **BX4** Ø15 mm / **BX10** Ø5 mm
- Sensitivity: Adjustable (trimmer)
- LED indication: Green (supply) - red (alarm sync.) - yellow (area stable)
- Supply protection: Polarity reversal, transient, short circuit (auto reset)
- Protection degree: IP67 (EN60529)

BX04 area sensor						4 optics - 30 mm optic step					
BX04SR/0A-HB	10... 26 VDC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0.3...2 met	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M12 plug

BX10 area sensor						10 optics - 10 mm optic step					
BX10SR/0A-HB	10... 26 VDC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0.3...2 met	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M12 plug

Available with 4 and 6 meter sensing distances on request.
Note: Available in IP69K version (food and beverage) on request
 Cables and M8/12 connectors (see page K-27 / 28)

FC series - Fork sensors

type	supply voltage	slit/fork		NPN	PNP	NO	NC	connector
		depth	width					

FC5 series - for object detection without regulation

- Minimum size object detection: 0.8 mm
- Switching frequency: 4 KHz
- Connector: M8 plug connection (3 pin)

FC5R/DP-0506-1F	12...24 VDC	60 mm	<input type="checkbox"/>	50 mm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M8 plug
FC5R/DP-0806-1F	12...24 VDC	60 mm	<input type="checkbox"/>	80 mm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M8 plug
FC5R/DP-1212-1F	12...24 VDC	124 mm	<input type="checkbox"/>	120 mm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M8 plug

FC6 series - for object detection with regulation

- Minimum size object detection: 0.2 mm
- Switching frequency: 10 KHz
- Connector: M8 plug connection (4 pin)

FC6I/0B-0304-1F	12...24 VDC	42 mm	<input type="checkbox"/>	30 mm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M8 plug
FC6I/0B-0306-1F	12...24 VDC	59 mm	<input type="checkbox"/>	30 mm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M8 plug
FC6I/0B-0506-1F	12...24 VDC	59 mm	<input type="checkbox"/>	50 mm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M8 plug
FC6I/0B-0510-1F	12...24 VDC	95 mm	<input type="checkbox"/>	50 mm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M8 plug
FC6I/0B-0806-1F	12...24 VDC	59 mm	<input type="checkbox"/>	80 mm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M8 plug
FC6I/0B-0810-1F	12...24 VDC	95 mm	<input type="checkbox"/>	80 mm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M8 plug

FC7 series - fork sensors for label detection

- Minimum object detection: 2 mm (gap between labels) / 2 mm (label size)

FC7I/0B-M304-0F	12...24 VDC	42 mm	<input type="checkbox"/>	3 mm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M8 plug
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Cables and M8/12 connectors (see page K-27 / 28)