



new

CX-442-P-Z

Due to their advanced optical system, Triangulation sensors are not effected by variances in the targets angle or colour. Due to the 2-segment photo-diode adjustable range system, the sensor does not detect objects outside the preset sensing distance.

- Unaffected by colour, material or background
- BGS background suppression (or) FGS foreground suppression
- Long sensing range (*adjustable via 2-turn mechanical adjuster*)
- Improved detectability even when lens is contaminated by dirt, dust, mist or smoke
- Compact dimensions

type	supply voltage	diffused	retro-reflective	polished retro	through-beam	sensing distance (mm)	PNP	NPN	light-on	dark-on	connector
<b>CX-400 series compact sensors</b>		IP67 (EN60529)				M8 - 4-pin connector					

CX-400 series has a high level of basic functionality with excellent cost performance.

- Sensitivity: Adjustable (*2 turn mechanical adjuster*)
- Selectable: Light-ON or Dark-ON
- LED indication: Red: (*output ON*) Green: (*stable light received*)
- Dimensions: 31 x 11.2 x 20 mm

**Triangulation sensing** for high precision detection and repeatability

<b>CX-441-P-Z</b>	12 - 24 VDC	•				50	•	•	•	•	M8 plug
<b>CX-444-P-Z</b>	12 - 24 VDC	•				100	•	•	•	•	M8 plug
<b>CX-442-P-Z</b>	12 - 24 VDC	•				300	•	•	•	•	M8 plug

Note: Accessories for above photo switches see previous page



EQ-34

<b>EQ-30 series</b>	IP67 (EN60529)	M12 - 4-pin connector									
---------------------	----------------	-----------------------	--	--	--	--	--	--	--	--	--

Featuring a 2-segment photodiode as receiving element with unique circuitry, they detect objects at the same distance regardless of colour or background beyond the adjusted sensing range.

- Sensitivity: Adjustable (*2 turn mechanical adjuster*)
- Selectable: Light-ON or Dark-ON
- LED indication: Red: (*output ON*) Green: (*stable light received*)
- Dimensions: 68 x 20 x 40 mm

**Triangulation sensing** for high precision detection and repeatability

<b>EQ-34</b>	10 - 30 VDC	•				2 met	•	•	•	•	M12 plug
<b>EQ-34-PN</b>	10 - 30 VDC	•				2 met	•	•	•	•	M12 plug

**Accessories for above photo switches**

<b>SGN01021-373</b>	M12	4 pin	assembly connector with screw terminals	straight
<b>SGN01024-373</b>	M12	4 pin	assembly connector with screw terminals	90° angled
<b>SGN01005-373</b>	M12	4 pin	PUR cable and connector ( <i>2 meters</i> )	straight
<b>SGN01006-373</b>	M12	4 pin	PUR cable and connector ( <i>5 meters</i> )	straight
<b>SGN01007-373</b>	M12	4 pin	PUR cable and connector ( <i>2 meters</i> )	90° angled
<b>SGN01008-373</b>	M12	4 pin	PUR cable and connector ( <i>5 meters</i> )	90° angled
<b>MS-EQ31</b>	metallic right angled rear mounting bracket			EQ-34
<b>MS-EQ32</b>	metallic right angled foot mounting bracket			EQ-34



EQ-501

<b>EQ-500 series</b>	IP67 (EN60529)	convenient screw terminal block									
----------------------	----------------	---------------------------------	--	--	--	--	--	--	--	--	--

Featuring a 2-segment photodiode as receiving element with unique circuitry, they detect objects at the same distance regardless of colour or background beyond the adjusted sensing range.

- Multi-voltage: 24 - 240 VAC / 12 - 240 VDC
- Relay output: 3A 250V - selectable: Detection-ON or Detection-OFF
- Sensitivity: Adjustable (*2 turn mechanical adjuster*)
- Timing function: 0.1 - 5s ON/OFF delay, one shot (selectable) "T" version only
- LED indication: Red: (*output ON*) Green: (*stable light received*)
- Dimensions: 68 x 26 x 68 mm

**Triangulation sensing** for high precision detection and repeatability

<b>EQ-501</b>	24 - 240 VAC/DC	•				2.5 met	•	•	•	•	screw term.
<b>EQ-501T</b>	24 - 240 VAC/DC	•				2.5 met	•	•	•	•	screw term.

**Mounting brackets**

<b>MS-EQ501</b>	metallic right angled foot mounting bracket			EQ-500
-----------------	---	--	--	--------