

new



PM-K45P



PM-L45P



PM2-LH10



CX-493-P-Z

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	light-on	dark-on	connector
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PM series U type miniature sensor 5-24VDC IP64 (EN60529)

- Output: PNP/NPN open-collector transistor max. 50mA
- LED indication: Orange (*light received*)
- Housing material: PBT
- Dimensions: Ø 18 mm x 60 mm
- Cable connection (*1 meter*)

Thru U beam detects objects breaking the beam between the U beam shape

PM-K45P	5 - 24 VDC		6		K type
PM-T45P	5 - 24 VDC		6		T type
PM-L45P	5 - 24 VDC		6		L type

PM-2 convergent reflection sensing miniature sensor IP67 (EN60529)

- Output: NPN open-collector transistor max. 50mA
- LED indication: Orange (*operation*) / green (*stability*)
- Housing material: Polyethylene terephthalate

Convergent reflective proximity type detection (*no transmitter or reflector required*)

– Transmits a beam which is reflected back from a detected object (*convergent point: 5 mm*)

Top sensing		25 x 26 x 8.4 mm				
PM2-LH10	5 - 24 VDC		2.5 - 8		solder	
PM2-LH10B	5 - 24 VDC		2.5 - 8		solder	
Front sensing		25 x 26 x 8.4 mm				
PM2-LF10	5 - 24 VDC		2.5 - 8		solder	
PM2-LF10B	5 - 24 VDC		2.5 - 8		solder	

Accessories for above PM2 sensors

CN-13 plug-in connector (*solder terminal*) for PM2 sensors PM2

CX-400 series standard compact sensors M8 - 4-pin connector

CX-400 series has a high level of basic functionality and excellent cost performance. Moreover, a wide number of variations offering a sensor to fit all needs.

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

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

CX-421-P-Z 12 - 24 VDC 300 M8 plug

Retro-reflective used together with a reflector (*supplied separately*)

CX-491-P-Z*	12 - 24 VDC		3 met		M8 plug
CX-493-P-Z	12 - 24 VDC		5 met		M8 plug
CX-483-P-Z❖	12 - 24 VDC		1 met		M8 plug

* With polarizing filter ❖ For sensing transparent objects - adjustable sensing range

Thru-beam (long range) supplied as a set with transmitter and receiver

CX-411-P-Z	12 - 24 VDC		10 met		M8 plug
CX-413-P-Z	12 - 24 VDC		30 met		M8 plug

Accessories for all CX-400 sensors

ASM08AF03001	M8	4 pin	assembly connector with screw terminals	straight
SGN01013-373	M8	4 pin	PUR cable and connector (<i>2 meters</i>)	straight
SGN01014-373	M8	4 pin	PUR cable and connector (<i>5 meters</i>)	straight
SGN01015-373	M8	4 pin	PUR cable and connector (<i>2 meters</i>)	90° angled
SGN01016-373	M8	4 pin	PUR cable and connector (<i>5 meters</i>)	90° angled
RF-210			rectangular reflector 12.8 x 33.3 mm for retro-reflective sensors	CX4...
RF-220			standard reflector 42.3 x 35.3 mm for retro-reflective sensors	CX4...
RF-230			standard reflector 59.3 x 50.3 mm for retro-reflective sensors	CX4...
MSCX21			L shaped metallic mounting bracket for sensor	CX4...