

Catalogue No: **PC50CNR10BAM1**

PHOTO RETRO-REFLECTIVE PLASTIC RECT 10M DC PNP/NPN M12 CABLE

Field Switching and Sensing > Non Contact Sensors > Photoelectric Sensors > Carlo Gavazzi Photoelectric sensors > Retroreflective > Series PC50 - Retroreflective



PC Series Retro-reflective Photoelectric Sensor, modulated infrared light, PC/ABS housing, 10 to 30 V DC power supply, transistor NO & NC output, 10m sensing range, output ON, signal stability and supply ON, IP67 rating, M12 plug, with 5m cable

- Upto 10m sensing range
- Sensitivity adjustable versions available
- AC or DC supply voltage versions
- IP69k versions available

Representative Photo Only
(actual product may vary based on configuration selections)

SPECIFICATIONS

Product Series	PC
Component Type Field Switching & Sensing	Photoelectric Sensor
Sensing Mode	Retroreflective
Light source type	LED
Illumination Mode	Continuous
Colour, light source	Infrared (880nm)
Beam Angle / Field of View	4 ° (degrees)
Material, Lens	PC (Polycarbonate)
Material, Body / Housing	ABS material
Shape	Rectangular
Height	50 mm
Width	17 mm
Depth	50 mm
Orientation	Right Angle
Mounting (Multiple)	Panel Mount Mounting Bracket (Included)
Teach Mode / Sensitivity Adjustment	Single-Turn Knob / Potentiometer sensitivity
Sensing Distance, Max	10000 mm max
Operating Range(s)	18 ... 30V DC
Ue, Rated Operational Voltage, DC, min	10 V DC
Ue, Rated Operational Voltage, DC, max	30 V DC
Switching Mode	N/O or N/C Selectable
Output Type	NPN/PNP Selectable
Load Current	0.2 A
Response Time (Off → On)	1 ms
Response Time (On → Off)	1 ms
Switching/Operating Frequency	500 Hz
Indicators	Green LED Yellow LED



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Connection / Termination	M12 x 1, DC Micro, 4-pin
Number of Conductors	4 qty
Length, Cable	5 m
Material, cable jacket	PVC material
Colour, Cable Jacket	Grey colour
Operating Temperature, Min	-20 °C min
Operating Temperature, Max	60 °C max
Storage Temperature, Min	-25 °C min
Storage Temperature, Max	80 °C max
IP Rating	IP67
Shock Rating	IEC 60068-2-32
Vibration Acceleration (Max.)	7.5 m/s ²
Vibration Displacement (Peak to Peak Max.)	0.5 mm
Vibration Frequency, Operational (Max.)	150 Hz
Vibration Rating	IEC 60068-2-6

REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	PC50CNR10BAM1_ManufacturerDatasheet
Manufacturer Catalogue & Product Selection:	-