Catalogue No: **PC50CNT20KIT**

PHOTO THROUGH-BEAM PLASTIC 20M NO/NC SPDT CABLE

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

NHP

PC Series Photoelectric Sensor, Through-Beam, receiver and emitter, plastic housing, 12-240 V DC / 24-240 V AC supply, NO+NC output, 20m sensing range, IP67 rating, mounting bracket included

- Sensing range of up to 20m
- Adjustable senstivity versions available
- Multi-voltage (20 - 250V AC / DC) versions
- IP69k rated versions

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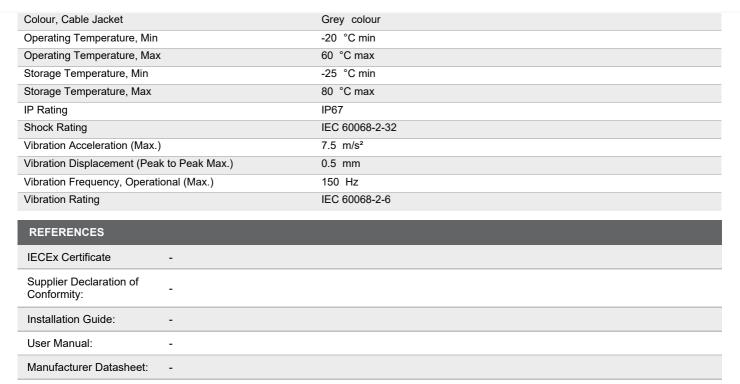(actual product may vary based on configuration selections)

SPECIFICATIONS	
Product Series	PC
Component Type Field Switching & Sensing	Photoelectric Sensor
Sensing Mode	Through-Beam Emitter & Receiver Pair
Light source type	LED
Illumination Mode	Continuous
Colour, light source	Infrared (880nm)
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	20000 mm max
Operating Range(s)	12 ... 240V DC 24 ... 240V AC
Ue, Rated Operational Voltage, AC, min	24 V AC
Ue, Rated Operational Voltage, AC, max	240 V AC
Ue, Rated Operational Voltage, DC, min	12 V DC
Ue, Rated Operational Voltage, DC, max	240 V DC
Switching Mode	Light or Dark Operate Selectable
Output Type	Relay
Switching/Operating Frequency	20 Hz
Connection / Termination	Built-in cable with flying leads
Length, Cable	2 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/s²
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:	-
Manufacturer Catalogue & Product Selection:	-