

INDUSTRIAL COMPONENT DATA

PC50CND10BA CARLO GAVAZZI Direct reflection parameters selected rectangular box SCOPE 1 ... 5 m Cable CONNEC..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PC50CND10BA



Manufacturer	CARLO GAVAZZI
MPN / Reference	PC50CND10BA
Catalog number	10000
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-E50B306D48
Generated	2026-08-04

Product Overview

Direct reflection parameters selected rectangular box SCOPE 1 ... 5 m Cable CONNECTION OUTPUT NPN / PNP CC
MATERIAL Plastic Other REACH System 1 m BOX 50 x 50 x 17 mm MATERIAL PC + ABS

Direct reflection photocell, bodypack, adjustable range by potentiometer

Diffuse-reflective Photoelectric Sensor, range 1000 mm, Infrared modulated light 880nm, Power Supply 10-30VDC,
PNP/NPN, NO+NC, 2m Cable, IP67

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path CARLO GAVAZZI > Sensors > Photoelectric

Additional Product Information

Specifications

Rated operating distance10 mm ... 1000 mmOutput typePNP/NPNOutput functionComplementary (NO+NC)Connection
TypeCableHousing typeRectangularHousing materialPlasticType of emitted lightInfrared lightSensing modeLight/dark
switchingDegree of protectionIP67Rated power supply10 V ... 30 V

ETIM for PC50CND10BA Sensors (EC001821)

Feature Name

Feature Value

Pre failure notice (EF004129)

No

With time function (EF003582)

No

Max. switching distance (EF007367)
1000 mm

Max. output current (EF001315)
200 mA

With reflector (EF007448)
No

Analogue output 0 V ... 10 V (EF006807)
No

Analogue output 0 mA ... 20 mA (EF006808)
No

Analogue output 4 mA ... 20 mA (EF006810)
No

Analogue output -10 V ... +10 V (EF006809)
No

With other analogue output (EF007485)
No

Setting procedure (EF003994)
Manual adjustment

With communication interface analogue (EF007305)
No

With communication interface AS-Interface (EF007306)
No

With communication interface CANOpen (EF007307)
No

With communication interface DeviceNet (EF007308)
No

With communication interface Ethernet (EF007309)
No

With communication interface INTERBUS (EF007310)
No

With communication interface PROFIBUS (EF007311)
No

With communication interface RS-232 (EF007312)
No

With communication interface RS-422 (EF007313)
No

With communication interface RS-485 (EF007314)
No

With communication interface SSD (EF007315)
No

With communication interface SSI (EF007316)
No

Number of semiconductor outputs with signalling function (EF003945)
2

Number o...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PC50CND10BA with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.