

INDUSTRIAL COMPONENT DATA

PB18CNT15PO CARLO GAVAZZI Selected parameters SYSTEM Through-beam HOUSING Ø10 Ø20 SENSING RANGE 6 ... 20 m C..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PB18CNT15PO



Manufacturer	CARLO GAVAZZI
MPN / Reference	PB18CNT15PO
Catalog number	10000
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-6F6663478E
Generated	2026-08-04

Product Overview

Selected parameters SYSTEM Through-beam HOUSING Ø10 - Ø20 SENSING RANGE 6 ... 20 m CONNECTION Cable

OUTPUT DC PNP MATERIAL Plastic Others SENSING RANGE 15 m HOUSING Ø18 x 30 mm MATERIAL PC + PTE

Barrier photocell, door safety sensor, Receiver

Through-beam Photoelectric Receiver, Range 15m, Infrared modulated light 890nm, Power Supply 10-30VDC, PNP Output, NO, LightSwitching, 5m Cable, ESPE type 2, EN12445, EN12453, EN12978, UL325, UL508

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 distance15000 mmOutput typePNPOutput functionNormally Open (NO)Connection typeCableHousing typeSpecial constructionHousing MaterialPlasticType of lightInfrared lightSensing modeLight switchingDegree of protectionIP67Rated Operational voltage UB at DC10 V ... 30 V

ETIM for PB18CNT15PO Sensors (EC002716)

Feature Name

Feature Value

Scope of delivery of the one-way system (EF004032)

Receiver

Max. opening angle (EF002642)

2.5 °

Pre failure notice (EF004129)

Yes

With time function (EF003582)

No

Rated switching distance (EF008289)

15000 mm

Max. switching distance (EF007367)

15000 mm

Max. output current (EF001315)

0 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)

Other

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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PB18CNT15PO 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.