

INDUSTRIAL COMPONENT DATA

PB10C2T20NC CARLO GAVAZZI CONNECTION Cable OUTPUT DC NPN MATERIAL Plastic Others SENSING RANGE 20 m HOUSING ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PB10C2T20NC



Manufacturer	CARLO GAVAZZI
MPN / Reference	PB10C2T20NC
Catalog number	10000
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-D209D65F6C
Generated	2026-08-04

Product Overview

CONNECTION Cable OUTPUT DC NPN MATERIAL Plastic Others SENSING RANGE 20 m HOUSING Ø10 x 42 mm
MATERIAL PC

Barrier photocell

Through-beam Photoelectric Receiver, Code 2, Range 20m, Power Supply 10-30VDC, NPN Output, NC, Dark Switching,
5m Cable, ESPE type 2, EN12445, EN12453, EN12978, UL325

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 distance20000 mmOutput typeNPNOutput functionNormally Closed (NC)Connection typeCableHousing
typeCylindrical, smooth barrelHousing MaterialPlasticType of lightInfrared lightSensing modeDark switchingDegree of
protectionIP67Rated Operational voltage UB at DC10 V ... 30 V

ETIM for PB10C2T20NC Sensors (EC002716)

Feature Name

Feature Value

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

Receiver

Max. opening angle (EF002642)

2.9 °

Pre failure notice (EF004129)

Yes

With time function (EF003582)

No

Rated switching distance (EF008289)

20000 mm

Max. switching distance (EF007367)

20000 mm

Max. output current (EF001315)

100 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 interfa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PB10C2T20NC 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.