

## INDUSTRIAL COMPONENT DATA

# PA12BNT20PCC2 CARLO GAVAZZI Selected parameters SYSTEM Through-beam HOUSING M12 SENSING RANGE 6 ... 20 m CON..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PA12BNT20PCC2



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | CARLO GAVAZZI                     |
| MPN / Reference | PA12BNT20PCC2                     |
| Catalog number  | 10000                             |
| Category        | Through beam photoelectric sensor |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-EDA09CACCC                     |
| Generated       | 2026-08-03                        |

## Product Overview

Selected parameters SYSTEM Through-beam HOUSING M12 SENSING RANGE 6 ... 20 m CONNECTION Pig-tail  
OUTPUT DC PNP MATERIAL Metal Others SENSING RANGE 20 m HOUSING M12 x 42 mm MATERIAL Stainless Steel  
Built-in amplifier photocell barrier, Control of elevators, escalators and accesses  
Through-beam Photoelectric Receiver, Range 20m, Power Supply 10-30VDC, PNP Output, NC, Dark Switching, Pig-Tail  
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 typePNPOutput functionNormally Closed (NC)Connection typeCable with  
connectorHousing typeCylindrical, threaded barrelHousing MaterialMetalType of lightInfrared lightSensing modeDark  
switchingDegree of protectionIP67Rated Operational voltage UB at DC10 V ... 30 V  
ETIM for PA12BNT20PCC2 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 comm...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PA12BNT20PCC2 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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