

## INDUSTRIAL COMPONENT DATA

# PD30CNB20NASA CARLO GAVAZZI Selected parameters SYSTEM Diffuse reflective BGS HOUSING rectangular SENSING RA..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PD30CNB20NASA



|                 |                                       |
|-----------------|---------------------------------------|
| Manufacturer    | CARLO GAVAZZI                         |
| MPN / Reference | PD30CNB20NASA                         |
| Catalog number  | 10000                                 |
| Category        | Light scanner with background masking |
| Minimum order   | 1 Pcs                                 |
| Document ID     | EO-019E59B8E9                         |
| Generated       | 2026-08-01                            |

## Product Overview

Selected parameters SYSTEM Diffuse reflective BGS HOUSING rectangular SENSING RANGE 200 ... 400 mm  
CONNECTION Cable OUTPUT DC NPN MATERIAL Plastic Others SENSING RANGE 200 mm HOUSING 30 x 20 x 10,8  
mm MATERIAL ABS

Photocell background suppression, miniature, VCC plastic, Range adjustable by potentiometer

Diffuse-reflective Photoelectric Sensor with Adjustable Background Suppression, Range: 0-200mm, Polarity free red light  
625nm, Power Supply 10-30VDC, NPN Output, N.O. and N.C., light and dark switching, Cable connection, 10x30x20mm  
housing

## 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 distance200 mmOutput typeNPNOutput functionComplementary (NO+NC)Connection typeCableHousing  
typeRectangularHousing materialPlasticEmitted lightPolarity free red lightSensing modeLight-/dark switchingDegree of  
protectionIP67Rated power supply10 V ... 30 V

ETIM for PD30CNB20NASA Sensors (EC002719)

Feature Name

Feature Value

Adjustment range (EF002300)

25 mm

Triangulation (EF008296)

Background fade-out

Pre failure notice (EF004129)

No

With time function (EF003582)

No

Rated switching distance (EF008289)

200 mm

Max. switching distance (EF007367)

200 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 interface SSD (EF007315)

No

With communicat...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PD30CNB20NASA 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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