

## INDUSTRIAL COMPONENT DATA

# PA18CRD08NAM1SA CARLO GAVAZZI Selected parameters SYSTEM Diffuse reflective HOUSING M18 SENSING RANGE 500 ....

Brand: CARLO GAVAZZI | Manufacturer Part Number: PA18CRD08NAM1SA



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | CARLO GAVAZZI                           |
| MPN / Reference | PA18CRD08NAM1SA                         |
| Catalog number  | 10000                                   |
| Category        | Diffuse reflective photoelectric sensor |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-A8D8D379EB                           |
| Generated       | 2026-08-02                              |

## Product Overview

Selected parameters SYSTEM Diffuse reflective HOUSING M18 SENSING RANGE 500 ... 800 mm CONNECTION M12 plug DC OUTPUT DC NPN MATERIAL Plastic Others SENSING RANGE 800 mm HOUSING M18 x 54 mm MATERIAL ABS

Direct reflection photocell, Metric 18, VCC plastic, Potentiometer adjustable range, ECOLAB

Diffuse-reflective Photoelectric Sensor, range 800 mm, red modulated light 625nm, Power Supply 10-30VDC, NPN, NO+NC, M12 Plug, IP69K, ECOLAB

## 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 distance0 mm ... 800 mmOutput typeNPNOutput functionComplementary (NO+NC)Connection TypeConnector M12Housing typeCylindrical, threaded barrelHousing materialPlasticType of emitted lightPolarity free red lightSensing modeLight/dark switchingDegree of protectionIP67, IP69KRated power supply10 V ... 30 V

ETIM for PA18CRD08NAM1SA Sensors (EC001821)

Feature Name

Feature Value

Pre failure notice (EF004129)

No

With time function (EF003582)

No

Max. switching distance (EF007367)

800 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 communication interface SSI (EF007316)

No

Number of semiconductor outputs with sig...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PA18CRD08NAM1SA 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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