

## INDUSTRIAL COMPONENT DATA

# PA18CAP50NAM1SA CARLO GAVAZZI Selected parameters SYSTEM Retro-reflective, Polarized HOUSING M18 SENSING RAN..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PA18CAP50NAM1SA



|                 |                                      |
|-----------------|--------------------------------------|
| Manufacturer    | CARLO GAVAZZI                        |
| MPN / Reference | PA18CAP50NAM1SA                      |
| Catalog number  | 10000                                |
| Category        | Retroreflective photoelectric sensor |
| Minimum order   | 1 Pcs                                |
| Document ID     | EO-C368403524                        |
| Generated       | 2026-08-05                           |

## Product Overview

Selected parameters SYSTEM Retro-reflective, Polarized HOUSING M18 SENSING RANGE 1 ... 5 m CONNECTION M12 plug DC OUTPUT DC NPN MATERIAL Plastic Others SENSING RANGE 5 m HOUSING M18 x 43,8 mm MATERIAL ABS Mirror photocell, polarized, Metric 18, plastic VCC, potentiometer adjustment  
Polarized Retro-reflective Photoelectric Sensor, Range 5000mm, red polarized modulated light 625nm, Power Supply 10-30VDC, NPN Output, NO and NC, Light and Dark Switching, M12 Plug, IP67 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 distance5000 mmOutput typeNPNOutput functionComplementary (NO+NC)Connection TypeConnector  
M12Housing styleCylindrical, threaded barrelHousing MaterialPlasticType of lightPolarized red lightSensing  
modeLight-/dark switchingDegree of protectionIP67, IP69KRated Operetional voltage UB at DC10 V ... 30 V  
ETIM for PA18CAP50NAM1SA Sensors (EC002717)

Feature Name

Feature Value

Pre failure notice (EF004129)

No

With time function (EF003582)

No

Rated switching distance (EF008289)

5000 mm

Max. switching distance (EF007367)

5000 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)....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PA18CAP50NAM1SA 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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