

INDUSTRIAL COMPONENT DATA

PA18CRP40NAM1SA CARLO GAVAZZI Selected parameters SYSTEM Retro-reflective, Polarized HOUSING M18 SENSING RAN..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PA18CRP40NAM1SA



Manufacturer	CARLO GAVAZZI
MPN / Reference	PA18CRP40NAM1SA
Catalog number	10000
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-4A4A6D3E83
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 4 m HOUSING M18 x 54 mm MATERIAL ABS Mirror photocell, polarized, Metric 18, plastic VCC, potentiometer adjustment
Polarized Retro-reflective Photoelectric Sensor, Range 4000mm, red polarized modulated light 625nm, Power Supply 10-30VDC, NPN Output, NO and NC, Light and Dark Switching, M12 Plug, IP67 IP69K, ECOLAB, Radial

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 distance4000 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 PA18CRP40NAM1SA Sensors (EC002717)

Feature Name

Feature Value

Pre failure notice (EF004129)

No

With time function (EF003582)

No

Rated switching distance (EF008289)

4000 mm

Max. switching distance (EF007367)

4000 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 / PA18CRP40NAM1SA 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.