

INDUSTRIAL COMPONENT DATA

PA18ALR30TOM6SA CARLO GAVAZZI Selected parameters SYSTEM Retro-reflective HOUSING M18 SENSING RANGE 1 ... 5 ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PA18ALR30TOM6SA



Manufacturer	CARLO GAVAZZI
MPN / Reference	PA18ALR30TOM6SA
Catalog number	10000
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-1436A98C1A
Generated	2026-08-03

Product Overview

Selected parameters SYSTEM Retro-reflective HOUSING M18 SENSING RANGE 1 ... 5 m CONNECTION M12 Plug AC OUTPUT AC SCR MATERIAL Metal Others SENSING RANGE 3 m HOUSING M18 x 83,5 mm MATERIAL NPB Photocell reflection on non-polarized mirror, Metric 18, metallic VCA, potentiometer adjustment Retro-reflective Photoelectric Sensor, Range 3000mm, Infrared modulated light 880nm, Power Supply 20-250VAC, 2-Wire, NO, M12 Plug

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 distance3000 mmOutput typeTwo-wireOutput functionNormally Open (NO)Connection TypeConnector M12Housing styleCylindrical, threaded barrelHousing MaterialMetalType of lightInfrared lightSensing modeLight switchingDegree of protectionIP67Rated Operational voltage UB at DC0 V ... 0 V
ETIM for PA18ALR30TOM6SA Sensors (EC002717)

Feature Name

Feature Value

Pre failure notice (EF004129)

No

With time function (EF003582)

No

Rated switching distance (EF008289)

3000 mm

Max. switching distance (EF007367)

3000 mm

Max. output current (EF001315)

500 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 semicon...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PA18ALR30TOM6SA 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.