

INDUSTRIAL COMPONENT DATA

PA18ALD04TOSA CARLO GAVAZZI Selected parameters SYSTEM Diffuse reflective HOUSING M18 SENSING RANGE 200

Brand: CARLO GAVAZZI | Manufacturer Part Number: PA18ALD04TOSA



Manufacturer	CARLO GAVAZZI
MPN / Reference	PA18ALD04TOSA
Catalog number	10000
Category	Diffuse reflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-DA7A3AE1A1
Generated	2026-08-02

Product Overview

Selected parameters SYSTEM Diffuse reflective HOUSING M18 SENSING RANGE 200 ... 400 mm CONNECTION Cable
OUTPUT AC SCR MATERIAL Metal Others SENSING RANGE 400 mm HOUSING M18 x 71,5 mm MATERIAL NPB
Photocell direct reflection, Metric 18, metallic VCA, Adjustable range by potentiometer
Diffuse-reflective Photoelectric Sensor, range 400 mm, infrared modulated light 880nm, Power Supply 20-250VAC, 2-Wire,
NO, 2m cable

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 ... 400 mmOutput typeTwo-wireOutput functionNormally Open (NO)Connection
TypeCableHousing typeCylindrical, threaded barrelHousing materialMetalType of emitted lightInfrared lightSensing
modeLight switchingDegree of protectionIP67Rated power supply0 V ... 0 V
ETIM for PA18ALD04TOSA Sensors (EC001821)

Feature Name

Feature Value

Pre failure notice (EF004129)

No

With time function (EF003582)

No

Max. switching distance (EF007367)

400 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 semiconductor outputs with signalling function (EF003945)

1

Num...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PA18ALD04TOSA 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.