

INDUSTRIAL COMPONENT DATA

PA18ALP20TOSA CARLO GAVAZZI Selected parameters SYSTEM Retro-reflective, Polarized HOUSING M18 SENSING RANGE..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PA18ALP20TOSA



Manufacturer	CARLO GAVAZZI
MPN / Reference	PA18ALP20TOSA
Catalog number	10000
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-820D2428FB
Generated	2026-08-04

Product Overview

Selected parameters SYSTEM Retro-reflective, Polarized HOUSING M18 SENSING RANGE 1 ... 5 m CONNECTION Cable OUTPUT AC SCR MATERIAL Metal Others SENSING RANGE 2 m HOUSING M18 x 71,5 mm MATERIAL NPB Mirror photocell, polarized, Metric 18, metal VCA, potentiometer adjustment
Polarized Retro-reflective Photoelectric Sensor, Range 2000mm, Polarized red modulated light 660nm, 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
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Additional Product Information

Specifications

Rated operating distance2000 mmOutput typeTwo-wireOutput functionNormally Open (NO)Connection TypeCableHousing styleCylindrical, threaded barrelHousing MaterialMetalType of lightPolarized red lightSensing modeLight switchingDegree of protectionIP67Rated Operational voltage UB at DC0 V ... 0 V
ETIM for PA18ALP20TOSA Sensors (EC002717)

Feature Name

Feature Value

Pre failure notice (EF004129)

No

With time function (EF003582)

No

Rated switching distance (EF008289)

2000 mm

Max. switching distance (EF007367)

2000 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 semiconducto...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PA18ALP20TOSA with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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