

INDUSTRIAL COMPONENT DATA

EP1820NPAS CARLO GAVAZZI Selected parameters SYSTEM Retro-reflective, Polarized HOUSING M18 SENSING RANGE 1

..

Brand: CARLO GAVAZZI | Manufacturer Part Number: EP1820NPAS



Manufacturer	CARLO GAVAZZI
MPN / Reference	EP1820NPAS
Catalog number	10000
Category	Retroreflective photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-B24F22168B
Generated	2026-08-02

Product Overview

Selected parameters SYSTEM Retro-reflective, Polarized HOUSING M18 SENSING RANGE 1 ... 5 m CONNECTION Cable OUTPUT DC NPN MATERIAL Metal Others SENSING RANGE 2 m HOUSING M18 x 55,0 mm MATERIAL NPB Photocell mirror, polarized, Metric 18, metallic VCC, potentiometer adjustment
Polarized Retro-reflective Photoelectric Sensor, Range 2000mm, red polarized modulated light 660nm, Power Supply 10-40VDC, NPN Output, NO and NC, Light and Dark Switching, 2 m 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 distance2000 mmOutput typeNPNOutput functionComplementary (NO+NC)Connection TypeCableHousing styleCylindrical, threaded barrelHousing MaterialMetalType of lightPolarized red lightSensing modeLight-/dark switchingDegree of protectionIP67Rated Operational voltage UB at DC10 V ... 40 V
ETIM for EP1820NPAS 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)

200 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 semicondu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / EP1820NPAS 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.