

INDUSTRIAL COMPONENT DATA

PA12B1T20PC CARLO GAVAZZI Selected parameters SYSTEM Through-beam HOUSING M12 SENSING RANGE 6 ... 20 m CONNE..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PA12B1T20PC



Manufacturer	CARLO GAVAZZI
MPN / Reference	PA12B1T20PC
Catalog number	10000
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-2191F95954
Generated	2026-08-04

Product Overview

Selected parameters SYSTEM Through-beam HOUSING M12 SENSING RANGE 6 ... 20 m CONNECTION Cable
OUTPUT DC PNP MATERIAL Metal Others SENSING RANGE 20 m HOUSING M12 x 42 mm MATERIAL Stainless Steel
Barrier photocell

Through-beam Photoelectric Receiver, Code 1, Range 20m, Power Supply 10-30VDC, PNP Output, NC, Dark Switching,
5m Cable, ESPE type 2, EN12445, EN12453, EN12978, UL325

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 distance20000 mmOutput typePNPOutput functionNormally Closed (NC)Connection typeCableHousing
typeCylindrical, threaded barrelHousing MaterialMetalType of lightInfrared lightSensing modeDark switchingDegree of
protectionIP67Rated Operational voltage UB at DC10 V ... 30 V

ETIM for PA12B1T20PC Sensors (EC002716)

Feature Name

Feature Value

Scope of delivery of the one-way system (EF004032)

Receiver

Max. opening angle (EF002642)

2.9 °

Pre failure notice (EF004129)

Yes

With time function (EF003582)

No

Rated switching distance (EF008289)

20000 mm

Max. switching distance (EF007367)

20000 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 interfa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PA12B1T20PC 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.