

INDUSTRIAL COMPONENT DATA

PA12B2T20 CARLO GAVAZZI Selected parameters SYSTEM Through-beam HOUSING M12 SENSING RANGE 6 ... 20 m CONNECT..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PA12B2T20



Manufacturer	CARLO GAVAZZI
MPN / Reference	PA12B2T20
Catalog number	10000
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-A8E3BA1DCC
Generated	2026-08-03

Product Overview

Selected parameters SYSTEM Through-beam HOUSING M12 SENSING RANGE 6 ... 20 m CONNECTION Cable OUTPUT DC Mute MATERIAL Metal Others SENSING RANGE 20 m HOUSING M12 x 42 mm MATERIAL Stainless Steel ADDITIONAL Test input

Barrier photocell

Through-beam Photoelectric Emitter, Range 20m, Code 2, Infrared modulated light 880nm, Power Supply 10-30VDC, 5m Cable, Mute Low, 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 typeOtherOutput functionOtherConnection typeCableHousing typeCylindrical, threaded barrelHousing MaterialMetalType of lightInfrared lightSensing modeLight-/dark switchingDegree of protectionIP67Rated Operational voltage UB at DC10 V ... 30 V

ETIM for PA12B2T20 Sensors (EC002716)

Feature Name

Feature Value

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

Transmitter

Max. opening angle (EF002642)

3.8 °

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)

0 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PA12B2T20 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.