

INDUSTRIAL COMPONENT DATA

PH18CNT20PAT1SA CARLO GAVAZZI Selected parameters SYSTEM Through-beam HOUSING M18 Square SENSING RANGE 6

Brand: CARLO GAVAZZI | Manufacturer Part Number: PH18CNT20PAT1SA



Manufacturer	CARLO GAVAZZI
MPN / Reference	PH18CNT20PAT1SA
Catalog number	10000
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-8EB81F002F
Generated	2026-08-04

Product Overview

Selected parameters SYSTEM Through-beam HOUSING M18 Square SENSING RANGE 6 ... 20 m CONNECTION M12 Pig-tail OUTPUT DC PNP MATERIAL Plastic Others SENSING RANGE 20 m HOUSING M18 (21 x 15 x 35 mm) MATERIAL ABS

Barrier photocell in industrial box of square ABS, DC

Through-beam Photoelectric Receiver, Range 20m, Infrared modulated light 850nm, Power Supply 10-30VDC, PNP Output, NO and NC, Light and Dark Switching, Pig-Tail M12, IP69K, UL508, ECOLAB

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 functionComplementary (NO+NC)Connection typeCable with connectorHousing typeSpecial constructionHousing MaterialPlasticType of lightInfrared lightSensing modeLight-/dark switchingDegree of protectionIP67, IP69KRated Operational voltage UB at DC10 V ... 30 V

ETIM for PH18CNT20PAT1SA Sensors (EC002716)

Feature Name

Feature Value

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

Receiver

Max. opening angle (EF002642)

4 °

Pre failure notice (EF004129)

No

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

W...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PH18CNT20PAT1SA 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.