

INDUSTRIAL COMPONENT DATA

PH18CNB20NAT1SA CARLO GAVAZZI Selected parameters SYSTEM Diffuse reflective BGS HOUSING M18 Square SENSING R..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PH18CNB20NAT1SA



Manufacturer	CARLO GAVAZZI
MPN / Reference	PH18CNB20NAT1SA
Catalog number	10000
Category	Light scanner with background masking
Minimum order	1 Pcs
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Product Overview

Selected parameters SYSTEM Diffuse reflective BGS HOUSING M18 Square SENSING RANGE 200 ... 400 mm
CONNECTION M12 Pig-tail OUTPUT DC NPN MATERIAL Plastic Others SENSING RANGE 200 mm HOUSING M18 (21 x
15 x 35 mm) MATERIAL ABS

Background suppression photocell, Metric 18, VCC plastic, potentiometer adjustable range

Diffuse-reflective Photoelectric Sensor with Background Suppression, adjustable sensitivity, Range: 0-200mm, Polarity free
red light 625nm, Power Supply 10-30VDC, NPN Output, N.O. and N.C., light and dark switching, Pigtail connection, M18
housing

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 distance200 mmOutput typeNPNOutput functionComplementary (NO+NC)Connection typeConnector
M12Housing typeSpecial constructionHousing materialPlasticEmitted lightPolarity free red lightSensing modeLight-/dark
switchingDegree of protectionIP67, IP69KRated power supply10 V ... 30 V

ETIM for PH18CNB20NAT1SA Sensors (EC002719)

Feature Name

Feature Value

Adjustment range (EF002300)
20 mm

Triangulation (EF008296)
Background fade-out

Rated switching distance (EF008289)
200 mm

Max. switching distance (EF007367)
200 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 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 semiconductor outputs with signalling function (EF...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PH18CNB20NAT1SA 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

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