

INDUSTRIAL COMPONENT DATA

PA18CAB20NASA CARLO GAVAZZI Selected parameters SYSTEM Diffuse reflective BGS HOUSING M18 SENSING RANGE 200 ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PA18CAB20NASA



Manufacturer	CARLO GAVAZZI
MPN / Reference	PA18CAB20NASA
Catalog number	10000
Category	Light scanner with background masking
Minimum order	1 Pcs
Document ID	EO-F92DAE8DDF
Generated	2026-08-01

Product Overview

Selected parameters SYSTEM Diffuse reflective BGS HOUSING M18 SENSING RANGE 200 ... 400 mm CONNECTION Cable OUTPUT DC NPN MATERIAL Plastic Others SENSING RANGE 200 mm HOUSING M18 x 43,8 mm MATERIAL ABS

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

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

Additional Product Information

Specifications

Rated operating distance200 mmOutput typeNPNOutput functionComplementary (NO+NC)Connection typeCableHousing typeCylindrical, threaded barrelHousing materialPlasticEmitted lightPolarity free red lightSensing modeLight-/dark switchingDegree of protectionIP67, IP69KRated power supply10 V ... 30 V

ETIM for PA18CAB20NASA Sensors (EC002719)

Feature Name

Feature Value

Adjustment range (EF002300)

25 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 (EF00...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PA18CAB20NASA 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.