

INDUSTRIAL COMPONENT DATA

ET1820NPAS-1 CARLO GAVAZZI Barrera selected parameters BOX M18 SCOPE 6 ... 20 m CONNECTION M12 NPN DC DC OUT..

Brand: CARLO GAVAZZI | Manufacturer Part Number: ET1820NPAS-1



Manufacturer	CARLO GAVAZZI
MPN / Reference	ET1820NPAS-1
Catalog number	10000
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
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Product Overview

Barrera selected parameters BOX M18 SCOPE 6 ... 20 m CONNECTION M12 NPN DC DC OUTPUT SYSTEM Other
Metal MATERIAL SCOPE 20 m x 55.0 mm CASE MATERIAL M18 NPB

Barrier photocell in metal box M18 CC, receiver function

Through-beam Photoelectric Receiver, Range: 0-20000mm, Adjustable Sensitivity, infrared light 880nm, Power Supply :
10to40 VDC, N.O. and N.C., light and dark switching, M12 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 distance20000 mmOutput typeNPNOutput functionComplementary (NO+NC)Connection typeConnector
M12Housing typeCylindrical, threaded barrelHousing MaterialMetalType of lightInfrared lightSensing modeLight-/dark
switchingDegree of protectionIP67Rated Operational voltage UB at DC10 V ... 40 V
ETIM for ET1820NPAS-1 Sensors (EC002716)

Feature Name

Feature Value

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

Receiver

Max. opening angle (EF002642)
0 °

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)
200 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 communi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / ET1820NPAS-1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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