

INDUSTRIAL COMPONENT DATA

ET1820-1 CARLO GAVAZZI Barrera selected parameters BOX M18 SCOPE 6 ... 20 m M12 CC MATERIAL CONNECTION SYSTE..

Brand: CARLO GAVAZZI | Manufacturer Part Number: ET1820-1



Manufacturer	CARLO GAVAZZI
MPN / Reference	ET1820-1
Catalog number	18201
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-1258CC329D
Generated	2026-08-02

Product Overview

Barrera selected parameters BOX M18 SCOPE 6 ... 20 m M12 CC MATERIAL CONNECTION SYSTEM Other Metal
SCOPE 20 m x 55.0 mm CASE MATERIAL M18 NPB
Barrier photocell in metal box M18 CC, emitter function
Through-beam Photoelectric Emitter, Range: 0-2000mm, Adjustable Sensitivity, Infrared Light 880nm, Plug 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 typeOtherOutput functionOtherConnection typeConnector M12Housing typeCylindrical, threaded barrelHousing MaterialMetalType of lightInfrared lightSensing modeLight-/dark switchingDegree of protectionIP67Rated Operational voltage UB at DC10 V ... 40 V
ETIM for ET1820-1 Sensors (EC002716)

Feature Name

Feature Value

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

Transmitter

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)
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)
Other

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 (EF00731...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / ET1820-1 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.