

INDUSTRIAL COMPONENT DATA

PA18CAT20M1 CARLO GAVAZZI Selected parameters SYSTEM Through-beam HOUSING M18 SENSING RANGE 6 ... 20 m CONNE..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PA18CAT20M1



Manufacturer	CARLO GAVAZZI
MPN / Reference	PA18CAT20M1
Catalog number	10000
Category	Through beam photoelectric sensor
Minimum order	1 Pcs
Document ID	EO-6BF3AC3654
Generated	2026-08-03

Product Overview

Selected parameters SYSTEM Through-beam HOUSING M18 SENSING RANGE 6 ... 20 m CONNECTION M12 plug DC
MATERIAL Plastic Others SENSING RANGE 20 m HOUSING M18 x 43,8 mm MATERIAL ABS

Barrier photocell in plastic box, metric 18, DC

Through-beam Photoelectric Receiver, Range 20m, Infrared modulated light 850nm, Power Supply 10-30VDC, NPN
Output, NO and NC, Light and Dark Switching, Connector 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 typeOtherOutput functionOtherConnection typeConnector M12Housing
typeCylindrical, threaded barrelHousing MaterialPlasticType of lightInfrared lightSensing modeLight-/dark switchingDegree
of protectionIP67, IP68Rated Operational voltage UB at DC10 V ... 30 V
ETIM for PA18CAT20M1 Sensors (EC002716)

Feature Name

Feature Value

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

Transmitter

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)
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)
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 communication...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PA18CAT20M1 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.