

**INDUSTRIAL COMPONENT DATA**

# PH18CNT20M1 CARLO GAVAZZI Selected parameters SYSTEM Through-beam HOUSING M18 Square SENSING RANGE 6 ... 20 ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: PH18CNT20M1



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | CARLO GAVAZZI                     |
| MPN / Reference | PH18CNT20M1                       |
| Catalog number  | 10000                             |
| Category        | Through beam photoelectric sensor |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-B4C60D3455                     |
| Generated       | 2026-08-04                        |

## Product Overview

Selected parameters SYSTEM Through-beam HOUSING M18 Square SENSING RANGE 6 ... 20 m CONNECTION M12 plug DC MATERIAL Plastic Others SENSING RANGE 20 m HOUSING M18 (21 x 15 x 35 mm) MATERIAL ABS Barrier photocell in industrial box of square ABS, DC Through-beam Photoelectric Emitter, Range 20m, Infrared modulated light 850nm, Power Supply 10-30VDC, 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 typeSpecial constructionHousing MaterialPlasticType of lightInfrared lightSensing modeLight-/dark switchingDegree of protectionIP67, IP69KRated Operational voltage UB at DC10 V ... 30 V  
ETIM for PH18CNT20M1 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 interf...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / PH18CNT20M1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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