

## INDUSTRIAL COMPONENT DATA

**ICB18L50N20POM1 CARLO GAVAZZI Output function: NO, Mounting: Non Flush, Housing: M18, Sensing range: 14 to 2..**

Brand: CARLO GAVAZZI | Manufacturer Part Number: ICB18L50N20POM1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | CARLO GAVAZZI              |
| MPN / Reference | ICB18L50N20POM1            |
| Catalog number  | 10000                      |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-503384ABD9              |
| Generated       | 2026-08-06                 |

**Product Overview**

Output function: NO, Mounting: Non Flush, Housing: M18, Sensing range: >14 to 29 mm , Output: DC PNP, Connection: Plug , Wire: 3-wire, Material: Metal, System: Proximity Sensor, Housing: M18 x 84 mm, Material: Nichel Plated Brass, Sensing range: 20 mm, Output function: Normally Open

Inductive M18 triple reach long box M12 connector, non-flush mount, 20mm sensing, PNP NA

Inductive proximity sensor, M18 Nickel-Plated Brass, M12 plug, Sn 20mm, Non-flush mount, Long body, PNP NO output, Supply voltage 10-36Vdc, Max output current 200 mA, Max switching frequency 1,5 kHz, Operating temperature -25C - +70C, IP67

## 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 > Inductive and Loop Detector

**Additional Product Information**

## Specifications

Rated operating distance20 mmInstallation typeNon-flushDiameterM18Output typePNPOutput functionNormally Open (NO)Connection typeConnector M12Housing typeCylindrical, threaded barrelHousing materialMetalRated power supply10 V ... 36 V

ETIM for ICB18L50N20POM1 Sensors (EC002714)

Feature Name

Feature Value

Width sensor (EF007094)

0 mm

Height of sensor (EF007283)  
0 mm

Length of sensor (EF007334)  
84 mm

Diameter sensor (EF007111)  
18 mm

Mechanical mounting condition for sensor (EF004041)  
Not flat

Switching distance (EF003647)  
20 mm

Suitable for safety functions (EF001597)  
No

Type of switch function (EF003963)  
Normally open contact

Type of switching output (EF003962)  
PNP

Type of electric connection (EF003961)  
Connector M12

Number of semiconductor outputs with signalling function (EF003945)  
1

Number of contact energized outputs with signalling function (EF003946)  
0

Number of protected semiconductor outputs (EF003951)  
0

Number of protected contact energized outputs (EF003952)  
0

Type of actuation (EF006949)  
Metallic Target

Type of interface (EF006977)  
None

Type of interface for safety communication (EF003956)  
None

Construction type housing (EF004008)  
Cylinder, screw-thread

Coating housing (EF001601)  
Nickel-plated

Cascadable (EF000507)  
No

SIL according to IEC 61508 (EF009889)  
None

Performance level according to EN ISO 13849-1 (EF007399)  
None

Max. output current at protected output (EF004035)  
200 mA

Supply voltage (EF004127)  
10 V

Rated control supply voltage AC 50 Hz (EF00...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / ICB18L50N20POM1 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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