

## INDUSTRIAL COMPONENT DATA

# ICB18L50N14NC CARLO GAVAZZI Selected parameters OUTPUT FUNCTION NC MOUNTING Non Flush HOUSING M18 SENSING RA..

Brand: CARLO GAVAZZI | Manufacturer Part Number: ICB18L50N14NC



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | CARLO GAVAZZI              |
| MPN / Reference | ICB18L50N14NC              |
| Catalog number  | 10000                      |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-90BEFFB847              |
| Generated       | 2026-08-02                 |

## Product Overview

Selected parameters OUTPUT FUNCTION NC MOUNTING Non Flush HOUSING M18 SENSING RANGE >9 to 14 mm  
OUTPUT DC NPN CONNECTION Cable WIRE 3-wire MATERIAL Metal SYSTEM Proximity Sensor Others HOUSING M18  
x 83 mm MATERIAL Nichel Plated Brass SENSING RANGE 14 mm OUTPUT FUNCTION Normally Closed  
Inductive M18 extended reach long case, cable 2m, non-flush mount, sensing 14mm, NPN NC  
Inductive proximity sensor, M18 Nickel-Plated Brass, 2m cable, Sn 14mm, Non-flush mount, Long body, NPN NC 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 distance14 mmInstallation typeNon-flushDiameterM18Output typeNPNOutput functionNormally Closed  
(NC)Connection typeCableHousing typeCylindrical, threaded barrelHousing materialMetalRated power supply10 V ... 36 V  
ETIM for ICB18L50N14NC Sensors (EC002714)

Feature Name

Feature Value

Width sensor (EF007094)

0 mm  
Height of sensor (EF007283)  
0 mm  
Length of sensor (EF007334)  
83.1 mm  
Diameter sensor (EF007111)  
18 mm  
Mechanical mounting condition for sensor (EF004041)  
Not flat  
Switching distance (EF003647)  
14 mm  
Suitable for safety functions (EF001597)  
No  
Type of switch function (EF003963)  
Breaker contact  
Type of switching output (EF003962)  
NPN  
Type of electric connection (EF003961)  
Cable  
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 (EF003978)

0 V

Rated cont...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / ICB18L50N14NC 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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