

## INDUSTRIAL COMPONENT DATA

# ICB18S30N14NCM1 CARLO GAVAZZI Selected parameters OUTPUT FUNCTION NC MOUNTING Non Flush HOUSING M18 SENSING ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: ICB18S30N14NCM1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | CARLO GAVAZZI              |
| MPN / Reference | ICB18S30N14NCM1            |
| Catalog number  | 10000                      |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-AB56267CE4              |
| Generated       | 2026-08-04                 |

## Product Overview

Selected parameters OUTPUT FUNCTION NC MOUNTING Non Flush HOUSING M18 SENSING RANGE >9 to 14 mm  
OUTPUT DC NPN CONNECTION Plug WIRE 3-wire MATERIAL Metal SYSTEM Proximity Sensor Others HOUSING M18 x  
63 mm MATERIAL Nichel Plated Brass SENSING RANGE 14 mm OUTPUT FUNCTION Normally Closed  
Inductive M18 Extended Scope Short Box M12 Connector, Non-Recessed Mounting, 14mm Detection,NPN NC  
Inductive proximity sensor, M18 Nickel-Plated Brass, M12 plug, Sn 14mm, Non-flush mount, Short 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 &gt; Sensors &gt; Inductive and Loop Detector

## Additional Product Information

## Specifications

Rated operating distance14 mmInstallation typeNon-flushDiameterM18Output typeNPNOutput functionNormally Closed  
(NC)Connection typeConnector M12Housing typeCylindrical, threaded barrelHousing materialMetalRated power supply10 V  
... 36 V

ETIM for ICB18S30N14NCM1 Sensors (EC002714)

Feature Name

Feature Value

Width sensor (EF007094)  
0 mm

Height of sensor (EF007283)  
0 mm

Length of sensor (EF007334)  
64 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)  
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 (EF003978...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send CARLO GAVAZZI / ICB18S30N14NCM1 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**

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

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