

## INDUSTRIAL COMPONENT DATA

# ICB18L50N14M1IO CARLO GAVAZZI Inductive Sensor, 3 wire DC, Metric 18, Housing lantón plated, IO-Link Communi..

Brand: CARLO GAVAZZI | Manufacturer Part Number: ICB18L50N14M1IO



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | CARLO GAVAZZI              |
| MPN / Reference | ICB18L50N14M1IO            |
| Catalog number  | 10000                      |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-9E28143D85              |
| Generated       | 2026-08-06                 |

## Product Overview

Inductive Sensor, 3 wire DC, Metric 18, Housing lantón plated, IO-Link Communication

Inductive proximity sensor, M18 Nickel-Plated Brass, M12 plug, Sn 14mm, Non-Flush mount, Long body, NPN/PNP/Push-pull, NO/NC, Supply voltage 10-36Vdc, Max output current 200 mA, Max switching frequency 1.5 kHz, Operating temp. -40C - +70C, IP67, IO-Link

## 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 typePNP/NPNOutput functionProgrammable/configurableConnection typeConnector M12Housing typeCylindrical, threaded barrelHousing materialMetalRated power supply10 V ... 36 V

ETIM for ICB18L50N14M1IO Sensors (EC002714)

Feature Name

Feature Value

Length of sensor (EF007334)

84 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)

Programmable/configurable

Type of switching output (EF003962)

PNP/NPN

Type of electric connection (EF003961)

Connector M12

Number of semiconductor outputs with signalling function (EF003945)

1

Number of protected semiconductor outputs (EF003951)

1

Type of actuation (EF006949)

Metallic Target

Type of interface (EF006977)

Other

Type of interface for safety communication (EF003956)

None

Construction type housing (EF004008)

Cylinder, screw-thread

Coating housing (EF001601)

Nickel-plated

Cascadable (EF000507)

No

Max. output current at protected output (EF004035)

200 mA

Supply voltage (EF004127)

10 V

Rated control supply voltage DC (EF003980)

10 V

Voltage type (EF000187)

DC

Switching frequency (EF003587)

1500 Hz

Housing material (EF001596)

Metal

Compression-resistant (EF007106)

No

Interference resistance to magnetic fields (EF008275)

Immune against magnetic DC- and AC-field

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / ICB18L50N14M1IO 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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