

INDUSTRIAL COMPONENT DATA

ICB12L50N08M1IO CARLO GAVAZZI Inductive Sensor, 3 wire DC, Metric 12, Housing lantón plated, IO-Link Communi..

Brand: CARLO GAVAZZI | Manufacturer Part Number: ICB12L50N08M1IO



Manufacturer	CARLO GAVAZZI
MPN / Reference	ICB12L50N08M1IO
Catalog number	10000
Category	Inductive proximity switch
Minimum order	1 Pcs
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Product Overview

Inductive Sensor, 3 wire DC, Metric 12, Housing lantón plated, IO-Link Communication
Inductive proximity sensor, M12 Nickel-Plated Brass, M12 plug, Sn 8mm, Non-Flush mount, Long body,
NPN/PNP/Push-pull, NO/NC, Supply voltage 10-36Vdc, Max output current 200 mA, Max switching frequency 2 kHz,
Operating temperature -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
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Additional Product Information

Specifications

Rated operating distance8 mmInstallation typeNon-flushDiameterM12Output typePNP/NPNOutput
functionProgrammable/configurableConnection typeConnector M12Housing typeCylindrical, threaded barrelHousing
materialMetalRated power supply10 V ... 36 V

ETIM for ICB12L50N08M1IO Sensors (EC002714)

Feature Name

Feature Value

Length of sensor (EF007334)

74.2 mm

Diameter sensor (EF007111)

12 mm

Mechanical mounting condition for sensor (EF004041)

Not flat

Switching distance (EF003647)

8 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)

2000 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 / ICB12L50N08M1IO with the required quantity to info@electricaonline.com or use 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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