

INDUSTRIAL COMPONENT DATA

ICB12S23F04M1PO CARLO GAVAZZI Inductive M12 extended reach extra short box, M12 connector, recessed, 4 mm de..

Brand: CARLO GAVAZZI | Manufacturer Part Number: ICB12S23F04M1PO



Manufacturer	CARLO GAVAZZI
MPN / Reference	ICB12S23F04M1PO
Catalog number	10000
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-E520C552BF
Generated	2026-08-04

Product Overview

Inductive M12 extended reach extra short box, M12 connector, recessed, 4 mm detection, PNP NA
Inductive M12 extended range box, extra short, M12 connector, flush, sensing, 4 mm, PNP NA
Inductive proximity sensor, M12 Nickel-Plated Brass, M12 plug, Sn 4mm, Flush mount, Extra-short body, PNP NO output, Supply voltage 10-36Vdc, Max output current 200 mA, Max switching frequency 2 kHz, Operating temperature -25C - +80C, 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 distance4 mmInstallation typeFlushDiameterM12Output typePNPOutput functionNormally Open (NO)Connection typeConnector M12Housing typeCylindrical, threaded barrelHousing materialMetalRated power supply10 V ... 36 V

ETIM for ICB12S23F04M1PO Sensors (EC002714)

Feature Name

Feature Value

Width sensor (EF007094)

0 mm

Height of sensor (EF007283)

0 mm

Length of sensor (EF007334)
40 mm

Diameter sensor (EF007111)
12 mm

Mechanical mounting condition for sensor (EF004041)
Concise

Switching distance (EF003647)
4 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 (EF003978)
0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / ICB12S23F04M1PO 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.