

INDUSTRIAL COMPONENT DATA

ICB12L50F06PC CARLO GAVAZZI Output function: NC, Mounting: Flush, Housing: M12, Sensing range: 4 to 6 mm, Ou..

Brand: CARLO GAVAZZI | Manufacturer Part Number: ICB12L50F06PC



Manufacturer	CARLO GAVAZZI
MPN / Reference	ICB12L50F06PC
Catalog number	10000
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-D6410098A0
Generated	2026-08-05

Product Overview

Output function: NC, Mounting: Flush, Housing: M12, Sensing range: >4 to 6 mm, Output: DC PNP, Connection: Cable, Wire: 3-wire, Material: Metal, System: Proximity Sensor, Housing: M12 x 68 mm, Material: Nickel Plated Brass, Sensing range: 6 mm, Output function: Normally Closed

Inductive M12 triple reach long box, cable 2 m, semi-recessed mount, detection 6 mm, PNP NC

Inductive proximity sensor, M12 Nickel-Plated Brass, 2m cable, Sn 6mm, Quasi-flush mount, Long body, PNP NC output, Supply voltage 10-36Vdc, Max output current 200 mA, Max switching frequency 2 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 distance6 mmInstallation typeQuasi-flushDiameterM12Output typePNPOutput functionNormally Closed (NC)Connection typeCableHousing typeCylindrical, threaded barrelHousing materialMetalRated power supply10 V ... 36 V ETIM for ICB12L50F06PC Sensors (EC002714)

Feature Name

Feature Value

Width sensor (EF007094)

0 mm
Height of sensor (EF007283)
0 mm
Length of sensor (EF007334)
67.8 mm
Diameter sensor (EF007111)
12 mm
Mechanical mounting condition for sensor (EF004041)
Quasi-flat
Switching distance (EF003647)
6 mm
Suitable for safety functions (EF001597)
No
Type of switch function (EF003963)
Breaker contact
Type of switching output (EF003962)
PNP
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 co...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / ICB12L50F06PC 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.