

## INDUSTRIAL COMPONENT DATA

# IA12CSF02UC CARLO GAVAZZI Selected parameters

## MOUNTING Flush HOUSING M12 SENSING RANGE 2 to 4 mm

### OUTPUT Namu..

Brand: CARLO GAVAZZI | Manufacturer Part Number: IA12CSF02UC



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | CARLO GAVAZZI              |
| MPN / Reference | IA12CSF02UC                |
| Catalog number  | 10000                      |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-0BC3D5950D              |
| Generated       | 2026-08-04                 |

## Product Overview

Selected parameters MOUNTING Flush HOUSING M12 SENSING RANGE >2 to 4 mm OUTPUT Namur CONNECTION Cable WIRE 2-wire MATERIAL Plastic SYSTEM Proximity Sensor Others HOUSING M12 x 30 mm MATERIAL Plastic SENSING RANGE 2 mm

Inductive 2 wire DC, Namur, plastic case, Metric 12, Connection cable, 2m., Short body 41 mm

Inductive proximity sensor, M12 Thermoplastic, 2m cable, Sn 2mm, Flush mount, Short body, Namur NC, Supply voltage 7-9Vdc, Max output current 9,35 mA, Max switching frequency 1400Hz, 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; Photoelectric

## Additional Product Information

## Specifications

Rated operating distance2 mmInstallation typeFlushDiameterM12Output typeNamurOutput functionNormally Closed (NC)Connection typeCableHousing typeCylindrical, threaded barrelHousing materialPlasticRated power supply7 V ... 9 VDegree of protectionIP67

ETIM for IA12CSF02UC Sensors (EC002714)

Feature Name

Feature Value

Length of sensor (EF007334)

30 mm  
Diameter sensor (EF007111)  
12 mm  
Mechanical mounting condition for sensor (EF004041)  
Concise  
Switching distance (EF003647)  
2 mm  
Type of switch function (EF003963)  
Breaker contact  
Type of switching output (EF003962)  
NAMUR  
Type of electric connection (EF003961)  
Cable  
Number of protected semiconductor outputs (EF003951)  
1  
Type of actuation (EF006949)  
Metallic Target  
Construction type housing (EF004008)  
Cylinder, screw-thread  
Max. output current at protected output (EF004035)  
9.35 mA  
Supply voltage (EF004127)  
7 V  
Rated control supply voltage DC (EF003980)  
7 V  
Voltage type (EF000187)  
DC  
Switching frequency (EF003587)  
1400 Hz  
Housing material (EF001596)  
Plastic

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / IA12CSF02UC 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

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.