

## INDUSTRIAL COMPONENT DATA

# IA12ELN04UCM1 CARLO GAVAZZI Selected parameters MOUNTING Non Flush HOUSING M12 SENSING RANGE 2 to 4 mm OUTPU..

Brand: CARLO GAVAZZI | Manufacturer Part Number: IA12ELN04UCM1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | CARLO GAVAZZI              |
| MPN / Reference | IA12ELN04UCM1              |
| Catalog number  | 10000                      |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-341DD555DB              |
| Generated       | 2026-08-04                 |

## Product Overview

Selected parameters MOUNTING Non Flush HOUSING M12 SENSING RANGE >2 to 4 mm OUTPUT Namur  
CONNECTION M12 WIRE 2-wire MATERIAL Metal SYSTEM Proximity Sensor Others HOUSING M12 x 83 mm  
MATERIAL Stainless steel SENSING RANGE 4 mm

Inductive namur M12, M12 connector, non-flush mounting, sensing distance 4 mm, long box type

Inductive proximity sensor, M12 Stainless steel, M12 plug, Sn 4mm, Non-flush mount, Long body, Namur NC, Supply  
voltage 7-9Vdc, Max output current 9,35 mA, Max switching frequency 1200Hz, 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 distance4 mmInstallation typeFlushDiameterM12Output typeNamurOutput functionNormally Closed  
(NC)Connection typePlug-in connectionHousing typeCylindrical, threaded barrelHousing materialMetalRated power supply7  
V ... 9 V

ETIM for IA12ELN04UCM1 Sensors (EC002714)

Feature Name

Feature Value

Length of sensor (EF007334)

50 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)  
Breaker contact  
Type of switching output (EF003962)  
NAMUR  
Type of electric connection (EF003961)  
Plug-in connection  
Number of protected semiconductor outputs (EF003951)  
1  
Type of actuation (EF006949)  
Metallic Target  
Construction type housing (EF004008)  
Cylinder, screw-thread  
Cascadable (EF000507)  
No  
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)  
1200 Hz  
With monitoring function downstream switching devices (EF004052)  
No  
Housing material (EF001596)  
Metal  
Compression-resistant (EF007106)  
No

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / IA12ELN04UCM1 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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