

## INDUSTRIAL COMPONENT DATA

# CA30CAF16NAM1 CARLO GAVAZZI Selected parameters CONNECTION M12 Plug DC MATERIAL Plastic HOUSING M30 SENSING ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: CA30CAF16NAM1



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | CARLO GAVAZZI               |
| MPN / Reference | CA30CAF16NAM1               |
| Catalog number  | 10000                       |
| Category        | Capacitive proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-52429ADC7B               |
| Generated       | 2026-08-04                  |

## Product Overview

Selected parameters CONNECTION M12 Plug DC MATERIAL Plastic HOUSING M30 SENSING RANGE >15 to 20 mm  
OUTPUT DC NPN SYSTEM Sensor Others HOUSING M30 x 62,5 mm SENSING RANGE 16 mm MATERIAL  
Thermoplastic Polyester

Capacitive DC M30, M12 connector, NPN output, NA/NC, Recessed mount, Sensing 16 mm

Capacitive Proximity Sensor, Flush mountable, Sensing Range 16mm, Adjustable 2-20mm, Power Supply 10-40VDC, NPN  
Output, N.O. and N.C., Connector M12, PVC, Housing M30 x 62,5mm, 4th Generation Tripleshield, Improved EMC  
performances, ECOLAB, IP67 IP68 IP69K

## 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 > Capacitive |
|--------------|--------------------------------------|

## Additional Product Information

## Specifications

Rated operating distance16 mmInstallation TypeFlushDiameter30 mmOutput typeNPNOutput functionComplementary  
(NO+NC)Connection typeConnector M12Housing typeCylindrical, threaded barrelHousing materialPlasticRated power  
supply10 V ... 40 VDegree of protectionIP67, IP68, IP69K

ETIM for CA30CAF16NAM1 Sensors (EC002715)

Feature Name

Feature Value

Length of sensor (EF007334)  
61 mm

Diameter sensor (EF007111)  
30 mm

Mechanical mounting condition for sensor (EF004041)  
Concise

Switching distance (EF003647)  
16 mm

Suitable for safety functions (EF001597)  
No

Type of switch function (EF003963)  
Anticoincidence

Type of switching output (EF003962)  
NPN

Type of electric connection (EF003961)  
Connector M12

Number of semiconductor outputs with signalling function (EF003945)  
2

Number of protected semiconductor outputs (EF003951)  
2

Type of actuation (EF006949)  
Metallic Target

Construction type housing (EF004008)  
Cylinder, screw-thread

Coating housing (EF001601)  
Other

Cascadable (EF000507)  
No

Max. output current at protected output (EF004035)  
200 mA

Supply voltage (EF004127)  
10 V

Rated control supply voltage DC (EF003980)  
12 V

Voltage type (EF000187)  
DC

Switching frequency (EF003587)  
50 Hz

With monitoring function downstream switching devices (EF004052)  
No

With status indication (EF001602)  
Yes

Housing material (EF001596)  
Plastic

Compression-resistant (EF007106)  
No

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / CA30CAF16NAM1 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.