

## INDUSTRIAL COMPONENT DATA

# CA30CLL30BPM1 CARLO GAVAZZI Selected parameters CONNECTION M12 Plug DC MATERIAL Plastic HOUSING M30 SENSING ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: CA30CLL30BPM1



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | CARLO GAVAZZI               |
| MPN / Reference | CA30CLL30BPM1               |
| Catalog number  | 10000                       |
| Category        | Capacitive proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-5571747C9D               |
| Generated       | 2026-08-04                  |

## Product Overview

Selected parameters CONNECTION M12 Plug DC MATERIAL Plastic HOUSING M30 SENSING RANGE >20 to 30 mm  
OUTPUT DC PNP/NPN SYSTEM Sensor Others HOUSING M30 x 91,0 mm SENSING RANGE 30 mm MATERIAL  
Thermoplastic Polyester

Capacitive cylindrical adjustment by Teach in, Metric 30, TRIPLESIELD™ Technology

Capacitive Proximity Sensor, Flush mountable, Sensing Range 30mm, Adjustable 1-30mm, Power Supply 10-40VDC,  
NPN/PNP Output, N.O. and N.C., Cable PVC, Housing M30 x 90.5mm, Tripleshield, Teach-In, IP68

## 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 distance30 mmInstallation TypeFlushDiameter30 mmOutput typePNP/NPNOutput  
functionConfigurableConnection typeConnector M12Housing typeCylindrical, threaded barrelHousing materialPlasticRated  
power supply10 V ... 40 VDegree of protectionIP68

ETIM for CA30CLL30BPM1 Sensors (EC002715)

Feature Name

Feature Value

Width sensor (EF007094)

0 mm  
Height of sensor (EF007283)  
0 mm  
Length of sensor (EF007334)  
90.5 mm  
Diameter sensor (EF007111)  
30 mm  
Mechanical mounting condition for sensor (EF004041)  
Concise  
Switching distance (EF003647)  
30 mm  
Suitable for safety functions (EF001597)  
No  
Type of switch function (EF003963)  
Programmable/configurable  
Type of switching output (EF003962)  
PNP/NPN  
Type of electric connection (EF003961)  
Connector M12  
Number of semiconductor outputs with signalling function (EF003945)  
0  
Number of contact energized outputs with signalling function (EF003946)  
0  
Number of protected semiconductor outputs (EF003951)  
1  
Number of protected contact energized outputs (EF003952)  
0  
Type of actuation (EF006949)  
Other  
Type of interface (EF006977)  
None  
Type of interface for safety communication (EF003956)  
None  
Construction type housing (EF004008)  
Cylinder, screw-thread  
Coating housing (EF001601)  
Other  
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)  
250 mA  
Supply voltage (EF004127)  
10 V

Rated control supply voltage AC....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / CA30CLL30BPM1 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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