

## INDUSTRIAL COMPONENT DATA

# CA18CLL12BP CARLO GAVAZZI Selected parameters CONNECTION Cable MATERIAL Plastic HOUSING M18 SENSING RANGE 10..

Brand: CARLO GAVAZZI | Manufacturer Part Number: CA18CLL12BP



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | CARLO GAVAZZI               |
| MPN / Reference | CA18CLL12BP                 |
| Catalog number  | 10000                       |
| Category        | Capacitive proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-584CF2B7DB               |
| Generated       | 2026-08-02                  |

## Product Overview

Selected parameters CONNECTION Cable MATERIAL Plastic HOUSING M18 SENSING RANGE >10 to 15 mm OUTPUT DC PNP/NPN SYSTEM Sensor Others HOUSING M18 x 89,5 mm SENSING RANGE 12 mm MATERIAL Thermoplastic Polyester

Cylindrical capacitive adjustment by Teach in, Metric 18, Cable 2 m., NPN/PNP output, Reach 5-12 mm

Capacitive Proximity Sensor, Flush mountable, Sensing Range 12mm, Adjustable 0,5-12mm, Power Supply 10-40VDC, NPN/PNP Output, N.O. and N.C., Cable PVC, Housing M18 x 89,5mm, 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 &gt; Sensors &gt; Capacitive

## Additional Product Information

## Specifications

Rated operating distance12 mmInstallation TypeFlushDiameter18 mmOutput typePNP/NPNOutput

functionConfigurableConnection typeCableHousing typeCylindrical, threaded barrelHousing materialPlasticRated power supply10 V ... 40 VDegree of protectionIP68

ETIM for CA18CLL12BP Sensors (EC002715)

Feature Name

Feature Value

Width sensor (EF007094)

0 mm  
Height of sensor (EF007283)  
0 mm  
Length of sensor (EF007334)  
89.5 mm  
Diameter sensor (EF007111)  
18 mm  
Mechanical mounting condition for sensor (EF004041)  
Concise  
Switching distance (EF003647)  
12 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)  
Cable  
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 50 Hz (EF003978)

0...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / CA18CLL12BP 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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