

## INDUSTRIAL COMPONENT DATA

# CA18HLN12PA CARLO GAVAZZI Selected parameters CONNECTION Cable MATERIAL Plastic HOUSING M18 SENSING RANGE 10..

Brand: CARLO GAVAZZI | Manufacturer Part Number: CA18HLN12PA



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | CARLO GAVAZZI               |
| MPN / Reference | CA18HLN12PA                 |
| Catalog number  | 10000                       |
| Category        | Capacitive proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-8E91C1B1E4               |
| Generated       | 2026-08-03                  |

## Product Overview

Selected parameters CONNECTION Cable MATERIAL Plastic HOUSING M18 SENSING RANGE >10 to 15 mm OUTPUT DC PNP SYSTEM Sensor Others HOUSING M18 x 95,0 mm SENSING RANGE 12 mm MATERIAL Polypropylene Cylindrical capacitive potentiometer adjustment, Metric 18, Chemical resistant  
Capacitive Proximity Sensor, Non-flush mountable, Sensing Range 12mm, Adjustable 3-12mm, Power Supply 10-40VDC, PNP Output, N.C. + N.O., Cable PVC, Polypropylene Housing M18 x 79,5mm, Tripleshield, 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 > Capacitive |
|--------------|--------------------------------------|

## Additional Product Information

## Specifications

Rated operating distance12 mmInstallation TypeNon-FlushDiameter18 mmOutput typePNPOutput functionComplementary (NO+NC)Connection typeCableHousing typeCylindrical, threaded barrelHousing materialPlasticRated power supply10 V ... 40 VDegree of protectionIP67

ETIM for CA18HLN12PA Sensors (EC002715)

Feature Name

Feature Value

Width sensor (EF007094)

0 mm

Height of sensor (EF007283)  
0 mm

Length of sensor (EF007334)  
79.5 mm

Diameter sensor (EF007111)  
18 mm

Mechanical mounting condition for sensor (EF004041)  
Not flat

Switching distance (EF003647)  
12 mm

Suitable for safety functions (EF001597)  
No

Type of switch function (EF003963)  
Anticoincidence

Type of switching output (EF003962)  
PNP

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)  
2

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)  
200 mA

Supply voltage (EF004127)  
10 V

Rated control supply voltage AC 50 Hz (EF003978)

0 V

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**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send CARLO GAVAZZI / CA18HLN12PA 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

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