

## INDUSTRIAL COMPONENT DATA

# CA18CAN12PAM1 CARLO GAVAZZI Selected parameters CONNECTION M12 Plug DC MATERIAL Plastic HOUSING M18 SENSING ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: CA18CAN12PAM1



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | CARLO GAVAZZI               |
| MPN / Reference | CA18CAN12PAM1               |
| Catalog number  | 10000                       |
| Category        | Capacitive proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-F4A4F553F0               |
| Generated       | 2026-08-02                  |

## Product Overview

Selected parameters CONNECTION M12 Plug DC MATERIAL Plastic HOUSING M18 SENSING RANGE >10 to 15 mm  
OUTPUT DC PNP SYSTEM Sensor Others HOUSING M18 x 70,0 mm SENSING RANGE 12 mm MATERIAL  
Thermoplastic Polyester

Capacitive DC M18, M12 connector, PNP output, NA/NC, Non-recessed mount, Sensing 12 mm

Capacitive Proximity Sensor, Non-flush mountable, Sensing Range 12mm, Adjustable 3-15mm, Power Supply 10-40VDC,  
PNP Output, N.O. and N.C., Connector M12, Housing M18 x 70mm, 4th Generation Tripleshield, Improved EMC  
performances, ECOLAB, IP67 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 distance12 mmInstallation TypeNon-FlushDiameter18 mmOutput typePNPOutput functionComplementary  
(NO+NC)Connection typeConnector M12Housing typeCylindrical, threaded barrelHousing materialPlasticRated power  
supply10 V ... 40 VDegree of protectionIP67, IP68, IP69K

ETIM for CA18CAN12PAM1 Sensors (EC002715)

Feature Name

Feature Value

Length of sensor (EF007334)  
70 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)  
Connector M12

Number of semiconductor outputs with signalling function (EF003945)  
2

Number of protected semiconductor outputs (EF003951)  
2

Type of actuation (EF006949)  
Metallic Target

Type of interface (EF006977)  
None

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 / CA18CAN12PAM1 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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