

INDUSTRIAL COMPONENT DATA

CA18CAN12NAM1 CARLO GAVAZZI Selected parameters CONNECTION M12 Plug DC MATERIAL Plastic HOUSING M18 SENSING ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: CA18CAN12NAM1



Manufacturer	CARLO GAVAZZI
MPN / Reference	CA18CAN12NAM1
Catalog number	10000
Category	Capacitive proximity switch
Minimum order	1 Pcs
Document ID	EO-88E3DD8CD0
Generated	2026-08-05

Product Overview

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

Capacitive DC M18, M12 connector, NPN 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,
NPN 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 typeNPNOutput functionComplementary
(NO+NC)Connection typeConnector M12Housing typeCylindrical, threaded barrelHousing materialPlasticRated power
supply10 V ... 40 VDegree of protectionIP67, IP68, IP69K

ETIM for CA18CAN12NAM1 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)
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

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 / CA18CAN12NAM1 with the required quantity to info@electricaonline.com or use 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.