

INDUSTRIAL COMPONENT DATA

CA18CAN12BPA2IO CARLO GAVAZZI Connection: Cable, Material: Plastic, Housing: M18, Sensing range: 10 to 15 mm..

Brand: CARLO GAVAZZI | Manufacturer Part Number: CA18CAN12BPA2IO



Manufacturer	CARLO GAVAZZI
MPN / Reference	CA18CAN12BPA2IO
Catalog number	10000
Category	Capacitive proximity switch
Minimum order	1 Pcs
Document ID	EO-6832CE6192
Generated	2026-08-04

Product Overview

Connection: Cable, Material: Plastic, Housing: M18, Sensing range: >10 to 15 mm, Output: DCÂ PNP/NPN, System: Sensor, Housing: M18 x 70,0 mm, Sensing range: 12 mm, Material: Thermoplastic Polyester, Additional: IO-Link Capacitive protocol IO-Link M18, Cable, 2 m., Output NC or NA, Mounting non-flush, Sensing, 8 mm Capacitive Proximity Sensor, Non-flush mountable, Sensing Range 12mm, Adjustable 3-15mm, Power Supply 10-40VDC, NPN/PNP Output, N.O./N.C., IO-Link, Cable PVC, 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 typePNP/NPNOutput functionConfigurableConnection typeCableHousing typeCylindrical, threaded barrelHousing materialPlasticRated power supply12 V ... 36 VDegree of protectionIP67, IP68, IP69K

ETIM for CA18CAN12BPA2IO 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)
Programmable/configurable
Type of switching output (EF003962)
PNP/NPN
Type of electric connection (EF003961)
Cable
Number of semiconductor outputs with signalling function (EF003945)
2
Number of protected semiconductor outputs (EF003951)
2
Type of actuation (EF006949)
Metallic Target
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 / CA18CAN12BPA2IO 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.