

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	2026-08-04

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 > Sensors > 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 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.