

INDUSTRIAL COMPONENT DATA

VC12RN120 CARLO GAVAZZI Selected parameters CONNECTION Cable MATERIAL Plastic HOUSING Ø32 SENSING RANGE 10 t..

Brand: CARLO GAVAZZI | Manufacturer Part Number: VC12RN120



Manufacturer	CARLO GAVAZZI
MPN / Reference	VC12RN120
Catalog number	10000
Category	Capacitive proximity switch
Minimum order	1 Pcs
Document ID	EO-6A21F5421D
Generated	2026-08-04

Product Overview

Selected parameters CONNECTION Cable MATERIAL Plastic HOUSING Ø32 SENSING RANGE >10 to 15 mm OUTPUT Relay SPDT SYSTEM Sensor Others HOUSING Ø32 x 101 mm SENSING RANGE 12 mm MATERIAL Thermoplastic Polyester

Level Detector

Capacitive Proximity Sensor, Non-flush mountable, Sensing Range 12mm, Adjustable 4-12mm, Power Supply 120Vac, SPDT relay output, Cable PVC, Housing, Round 32 x 101mm, 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-FlushDiameter32 mmOutput typeRelay contactOutput functionChange-over contactConnection typeCableHousing typeCylindrical, smooth barrelHousing materialPlasticRated power supply102 V ... 132 VDegree of protectionIP67

ETIM for VC12RN120 Sensors (EC002715)

Feature Name

Feature Value

Width sensor (EF007094)

0 mm
Height of sensor (EF007283)
0 mm
Length of sensor (EF007334)
101 mm
Diameter sensor (EF007111)
32 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)
Change-over contact
Type of switching output (EF003962)
Relay contact
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)
0
Number of protected contact energized outputs (EF003952)
0
Type of actuation (EF006949)
Metallic Target
Type of interface (EF006977)
None
Type of interface for safety communication (EF003956)
None
Construction type housing (EF004008)
Cylinder plain
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)
0 mA
Supply voltage (EF004127)
102 V

Rated control supply voltage AC 50...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / VC12RN120 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.