

INDUSTRIAL COMPONENT DATA

EC5525NPAP-1 CARLO GAVAZZI selected parameters M12 CONNECTION BOX Rectangular Plastic CC MATERIAL SCOPE 20 t..

Brand: CARLO GAVAZZI | Manufacturer Part Number: EC5525NPAP-1



Manufacturer	CARLO GAVAZZI
MPN / Reference	EC5525NPAP-1
Catalog number	10000
Category	Capacitive proximity switch
Minimum order	1 Pcs
Document ID	EO-3B9EF5957B
Generated	2026-08-01

Product Overview

selected parameters M12 CONNECTION BOX Rectangular Plastic CC MATERIAL SCOPE> 20 to 30 mm SYSTEM
OUTPUT DC NPN Sensor Other BOX 35 x 55 x 15 mm 25 mm MATERIAL SCOPE Polycarbonate
Capacitive, M12 connector, Power supply 10-40 VDC, NPN output, NA/NC, Sensing 25 mm.
Capacitive Proximity Sensor, Non-flush mountable, Sensing Range 25mm, Adjustable 4-25mm, Power Supply 10-40VDC,
NPN Output, N.O. and N.C., Connector M12, Housing 35 x 15 x 55mm, Tripleshield, Improved EMC performances, 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 distance25 mmInstallation TypeNon-FlushOutput typeNPNOutput functionComplementary
(NO+NC)Connection typeConnector M12Housing typeRectangularHousing materialPlasticRated power supply10 V ... 40
VDegree of protectionIP67

ETIM for EC5525NPAP-1 Sensors (EC002715)

Feature Name

Feature Value

Width sensor (EF007094)

35 mm

Height of sensor (EF007283)
15 mm

Length of sensor (EF007334)
55 mm

Diameter sensor (EF007111)
0 mm

Mechanical mounting condition for sensor (EF004041)
Not flat

Switching distance (EF003647)
25 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)
0

Number of contact energized outputs with signalling function (EF003946)
0

Number of protected semiconductor outputs (EF003951)
2

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)
Cuboid

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)
200 mA

Supply voltage (EF004127)
10 V

Rated control supply voltage AC 50 Hz (EF003978)

0 V

Rated control supply....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / EC5525NPAP-1 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.