

INDUSTRIAL COMPONENT DATA

ECH3010NPAT-1 CARLO GAVAZZI Selected parameters CONNECTION M12 Plug DC MATERIAL Metal HOUSING M30 SENSING RA..

Brand: CARLO GAVAZZI | Manufacturer Part Number: ECH3010NPAT-1



Manufacturer	CARLO GAVAZZI
MPN / Reference	ECH3010NPAT-1
Catalog number	10000
Category	Capacitive proximity switch
Minimum order	1 Pcs
Document ID	EO-5BF218520F
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Product Overview

Selected parameters CONNECTION M12 Plug DC MATERIAL Metal HOUSING M30 SENSING RANGE >8 to 10 mm
OUTPUT DC PNP SYSTEM Sensor Others HOUSING M30 x 57,0 mm SENSING RANGE 10 mm MATERIAL Stainless
Steel

High Temperature Capacitive, M12 Connector, NPN Output, Not Recessed, Detection 10 mm.

Capacitive Proximity Sensor, Non-flush mountable, Operating temperature -196C - +180C, Sensing Range 10mm,
Adjustable 4-15mm, Power Supply 10-40VDC, NPN output, N.C.+N.O., M12 plug, Stainless Steel and Teflon Housing M30
x, 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
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Additional Product Information

Specifications

Rated operating distance15 mmInstallation TypeNon-FlushDiameter30 mmOutput typeNPNOutput functionComplementary
(NO+NC)Connection typeConnector M12Housing typeCylindrical, threaded barrelHousing materialMetalRated power
supply10 V ... 40 VDegree of protectionIP67

ETIM for ECH3010NPAT-1 Sensors (EC002715)

Feature Name

Feature Value

Width sensor (EF007094)
0 mm

Height of sensor (EF007283)
0 mm

Length of sensor (EF007334)
57 mm

Diameter sensor (EF007111)
30 mm

Mechanical mounting condition for sensor (EF004041)
Not flat

Switching distance (EF003647)
15 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 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)
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)
200 mA

Supply voltage (EF004127)

10 V

Rated control supply voltage AC 50 Hz (E...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / ECH3010NPAT-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

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