

INDUSTRIAL COMPONENT DATA

EC3025TBAPL-6 CARLO GAVAZZI Selected parameters CONNECTION M12 Plug AC MATERIAL Plastic HOUSING M30 SENSING ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: EC3025TBAPL-6



Manufacturer	CARLO GAVAZZI
MPN / Reference	EC3025TBAPL-6
Catalog number	10000
Category	Capacitive proximity switch
Minimum order	1 Pcs
Document ID	EO-D085345314
Generated	2026-08-03

Product Overview

Selected parameters CONNECTION M12 Plug AC MATERIAL Plastic HOUSING M30 SENSING RANGE >20 to 30 mm

OUTPUT AC SCR SYSTEM Sensor Others HOUSING M30 x 91,0 mm SENSING RANGE 25 mm MATERIAL

Thermoplastic Polyester

Capacitive AC M30, M12 connector, SCR output, Non-flush mounting, Sensing 25 mm

Capacitive Proximity Sensor, Non-flush mountable, Sensing Range 25mm, Adjustable 4-25mm, Power Supply 20-250VAC, SCR output N.C.+N.O., M12 plug, Housing M30 x 75,6mm, Tripleshield, 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-FlushDiameter30 mmOutput typeTwo-wireOutput

functionConfigurableConnection typeConnector M12Housing typeCylindrical, threaded barrelHousing materialPlasticRated power supply20 V ... 250 VDegree of protectionIP67

ETIM for EC3025TBAPL-6 Sensors (EC002715)

Feature Name

Feature Value

Width sensor (EF007094)

0 mm
Height of sensor (EF007283)
0 mm
Length of sensor (EF007334)
75.6 mm
Diameter sensor (EF007111)
30 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)
Programmable/configurable
Type of switching output (EF003962)
EV006725
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)
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)
500 mA
Supply voltage (EF004127)
20 V

Rated control supply vol...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / EC3025TBAPL-6 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.