

INDUSTRIAL COMPONENT DATA

EI1204TBOSL-6 CARLO GAVAZZI Selected parameters OUTPUT FUNCTION NO MOUNTING Non Flush HOUSING M12 SENSING RA..

Brand: CARLO GAVAZZI | Manufacturer Part Number: EI1204TBOSL-6



Manufacturer	CARLO GAVAZZI
MPN / Reference	EI1204TBOSL-6
Catalog number	10000
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-731E3F7850
Generated	2026-08-03

Product Overview

Selected parameters OUTPUT FUNCTION NO MOUNTING Non Flush HOUSING M12 SENSING RANGE > 0 to 5 mm
OUTPUT SCR CONNECTION Plug WIRE 2-wire MATERIAL Metal SYSTEM Proximity Sensor Others HOUSING M12 x 50
mm MATERIAL Stainless steel SENSING RANGE 4 mm OUTPUT FUNCTION Normally Open

Inductive Proximity Sensors

Inductive proximity sensor, M12 Stainless steel, M12 connector, Sn 4mm, Long body, SCR NO, Supply voltage 20-250 Vac,
Max output current 500 mA, Max switching frequency 25Hz, Operating temperature -25C - +70C, 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 > Inductive and Loop Detector

Additional Product Information

Specifications

Rated operating distance4 mmInstallation typeFlushDiameterM12Output typeOtherOutput functionNormally Open
(NO)Connection typeConnector M12Housing typeCylindrical, threaded barrelHousing materialMetalRated power supply20
V ... 250 V

ETIM for EI1204TBOSL-6 Sensors (EC002714)

Feature Name

Feature Value

Length of sensor (EF007334)

50 mm
Diameter sensor (EF007111)
12 mm
Mechanical mounting condition for sensor (EF004041)
Concise
Switching distance (EF003647)
4 mm
Type of switch function (EF003963)
Normally open contact
Type of switching output (EF003962)
Other
Type of electric connection (EF003961)
Connector M12
Number of protected semiconductor outputs (EF003951)
1
Type of actuation (EF006949)
Metallic Target
Construction type housing (EF004008)
Cylinder, screw-thread
Max. output current at protected output (EF004035)
500 mA
Supply voltage (EF004127)
20 V
Rated control supply voltage AC 50 Hz (EF003978)
20 V
Rated control supply voltage AC 60 Hz (EF003979)
20 V
Voltage type (EF000187)
AC
Switching frequency (EF003587)
25 Hz
Housing material (EF001596)
Metal

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / EI1204TBOSL-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.