

INDUSTRIAL COMPONENT DATA

EI1808NPOPL CARLO GAVAZZI Selected parameters OUTPUT FUNCTION NO MOUNTING Non Flush HOUSING M18 SENSING RANG..

Brand: CARLO GAVAZZI | Manufacturer Part Number: EI1808NPOPL



Manufacturer	CARLO GAVAZZI
MPN / Reference	EI1808NPOPL
Catalog number	10000
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-BCB8B2C8D4
Generated	2026-08-04

Product Overview

Selected parameters OUTPUT FUNCTION NO MOUNTING Non Flush HOUSING M18 SENSING RANGE >6 to 8 mm
OUTPUT DC NPN CONNECTION Cable WIRE 3-wire MATERIAL Plastic SYSTEM Proximity Sensor Others HOUSING
M18 x 58 mm MATERIAL Plastic SENSING RANGE 8 mm OUTPUT FUNCTION Normally Open

Inductive Proximity Sensors

Inductive proximity sensor, M18 Thermoplastic., 2m cable, Sn 8mm, Non-Flush mount, Long body, NPN NO, Supply voltage 10-40Vdc, Max output current 200 mA, Max switching frequency 400Hz, 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 distance8 mmInstallation typeFlushDiameterM18Output typeNPNOutput functionNormally Open (NO)Connection typeCableHousing typeCylindrical, threaded barrelHousing materialPlasticRated power supply10 V ... 40 V
ETIM for EI1808NPOPL Sensors (EC002714)

Feature Name

Feature Value

Length of sensor (EF007334)

50 mm

Diameter sensor (EF007111)
18 mm
Mechanical mounting condition for sensor (EF004041)
Concise
Switching distance (EF003647)
8 mm
Suitable for safety functions (EF001597)
No
Type of switch function (EF003963)
Normally open contact
Type of switching output (EF003962)
NPN
Type of electric connection (EF003961)
Cable
Number of protected semiconductor outputs (EF003951)
1
Type of actuation (EF006949)
Metallic Target
Construction type housing (EF004008)
Cylinder, screw-thread
Cascadable (EF000507)
No
Max. output current at protected output (EF004035)
200 mA
Supply voltage (EF004127)
10 V
Rated control supply voltage DC (EF003980)
10 V
Voltage type (EF000187)
DC
Switching frequency (EF003587)
400 Hz
With monitoring function downstream switching devices (EF004052)
No
Housing material (EF001596)
Plastic
Compression-resistant (EF007106)
No

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / EI1808NPOPL 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.