

INDUSTRIAL COMPONENT DATA

EI1805NPOSS-1 CARLO GAVAZZI Selected parameters OUTPUT FUNCTION NO MOUNTING Flush HOUSING M18 SENSING RANGE ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: EI1805NPOSS-1



Manufacturer	CARLO GAVAZZI
MPN / Reference	EI1805NPOSS-1
Catalog number	10000
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-57DEC75E09
Generated	2026-08-02

Product Overview

Selected parameters OUTPUT FUNCTION NO MOUNTING Flush HOUSING M18 SENSING RANGE >4 to 6 mm OUTPUT DC PNP CONNECTION Plug WIRE 3-wire MATERIAL Metal SYSTEM Proximity Sensor Others HOUSING M18 x 55 mm MATERIAL Stainless steel SENSING RANGE 5 mm OUTPUT FUNCTION Normally Open

Inductive Proximity Sensors

Inductive proximity sensor, M18 Stainless steel, M12 plug, Sn 5mm, Flush mount, Short body, NPN NO, Supply voltage 10-40Vdc, Max output current 200 mA, Max switching frequency 500Hz, 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 distance5 mmInstallation typeFlushDiameterM12Output typeNPNOOutput functionNormally Open (NO)Connection typePlug-in connectionHousing typeCylindrical, threaded barrelHousing materialMetalRated power supply10 V ... 40 V

ETIM for EI1805NPOSS-1 Sensors (EC002714)

Feature Name

Feature Value

Length of sensor (EF007334)

30 mm
Diameter sensor (EF007111)
12 mm
Mechanical mounting condition for sensor (EF004041)
Concise
Switching distance (EF003647)
5 mm
Type of switch function (EF003963)
Normally open contact
Type of switching output (EF003962)
NPN
Type of electric connection (EF003961)
Plug-in connection
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)
200 mA
Supply voltage (EF004127)
10 V
Rated control supply voltage DC (EF003980)
10 V
Voltage type (EF000187)
DC
Switching frequency (EF003587)
500 Hz
Housing material (EF001596)
Metal

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / EI1805NPOSS-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.