

INDUSTRIAL COMPONENT DATA

EI1805NPCSS-1 CARLO GAVAZZI BOX flush mounting M18 NPN OUTPUT DC Connection wire Metal wire 3 MATERIAL SYSTE..

Brand: CARLO GAVAZZI | Manufacturer Part Number: EI1805NPCSS-1



Manufacturer	CARLO GAVAZZI
MPN / Reference	EI1805NPCSS-1
Catalog number	10000
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-014D0DFC79
Generated	2026-08-05

Product Overview

BOX flush mounting M18 NPN OUTPUT DC Connection wire Metal wire 3 MATERIAL SYSTEM BOX Other Proximity sensor M18 x 55 mm Stainless steel MATERIAL SCOPE 5mm FUNCTION OUTPUT Normally Closed Inductive Proximity Sensors

Inductive proximity sensor, M18 Stainless steel, M12 plug, Sn 5mm, Flush mount, Short body, NPN NC, 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 typeFlushDiameterM18Output typeNPNOutput functionNormally Closed (NC)Connection typePlug-in connectionHousing typeCylindrical, threaded barrelHousing materialMetalRated power supply10 V ... 40 V

ETIM for EI1805NPCSS-1 Sensors (EC002714)

Feature Name

Feature Value

Length of sensor (EF007334)

30 mm

Diameter sensor (EF007111)
18 mm
Mechanical mounting condition for sensor (EF004041)
Concise
Switching distance (EF003647)
5 mm
Type of switch function (EF003963)
Breaker 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)
0 Hz
Housing material (EF001596)
Metal

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / EI1805NPCSS-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.