

## INDUSTRIAL COMPONENT DATA

# EI1808PPOSS-1 CARLO GAVAZZI Selected parameters OUTPUT FUNCTION NO MOUNTING Non Flush HOUSING M18 SENSING RA..

Brand: CARLO GAVAZZI | Manufacturer Part Number: EI1808PPOSS-1



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | CARLO GAVAZZI              |
| MPN / Reference | EI1808PPOSS-1              |
| Catalog number  | 10000                      |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-F4840EACD7              |
| Generated       | 2026-08-03                 |

## Product Overview

Selected parameters OUTPUT FUNCTION NO MOUNTING Non Flush HOUSING M18 SENSING RANGE >6 to 8 mm  
OUTPUT DC PNP CONNECTION Plug WIRE 3-wire MATERIAL Metal SYSTEM Proximity Sensor Others HOUSING M18 x  
63 mm MATERIAL Stainless steel SENSING RANGE 8 mm OUTPUT FUNCTION Normally Open

### Inductive Proximity Sensors

Inductive proximity sensor, M18 Stainless steel, M12 plug, Sn 8mm, Non- Flush mount, Short body PNP 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 typePNPOutput functionNormally Open  
(NO)Connection typePlug-in connectionHousing typeCylindrical, threaded barrelHousing materialMetalRated power  
supply10 V ... 40 V

ETIM for EI1808PPOSS-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)  
8 mm  
Suitable for safety functions (EF001597)  
No  
Type of switch function (EF003963)  
Normally open contact  
Type of switching output (EF003962)  
PNP  
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  
Cascadable (EF000507)  
No  
Max. output current at protected output (EF004035)  
200 mA  
Supply voltage (EF004127)  
10 V  
Rated control supply voltage AC 50 Hz (EF003978)  
0 V  
Rated control supply voltage AC 60 Hz (EF003979)  
0 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)  
Metal  
Compression-resistant (EF007106)  
No

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / EI1808PPOSS-1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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