

INDUSTRIAL COMPONENT DATA

IA18CLN08UCM1 CARLO GAVAZZI Selected parameters MOUNTING Non Flush HOUSING M18 SENSING RANGE 6 to 8 mm OUTPU..

Brand: CARLO GAVAZZI | Manufacturer Part Number: IA18CLN08UCM1



Manufacturer	CARLO GAVAZZI
MPN / Reference	IA18CLN08UCM1
Catalog number	10000
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-13341820B3
Generated	2026-08-06

Product Overview

Selected parameters MOUNTING Non Flush HOUSING M18 SENSING RANGE >6 to 8 mm OUTPUT Namur
CONNECTION M12 WIRE 2-wire MATERIAL Plastic SYSTEM Proximity Sensor Others HOUSING M18 x 83 mm
MATERIAL Plastic SENSING RANGE 8 mm

Inductive 2-wire cc, Namur plastic housing, metric 18, M12 connector, 83 mm long body.

Inductive proximity sensor, M18 Thermoplastic, M12 plug, Sn 8mm, Non- Flush mount, Long body, Namur NC, Supply
voltage 7-9Vdc, Max output current 9,35 mA, Max switching frequency 200Hz, 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
--------------	---------------

Additional Product Information

Specifications

Rated operating distance8 mmInstallation typeFlushDiameterM18Output typeNamurOutput functionNormally Closed
(NC)Connection typePlug-in connectionHousing typeCylindrical, threaded barrelHousing materialPlasticRated power
supply7 V ... 9 VDegree of protectionIP67

ETIM for IA18CLN08UCM1 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
Type of switch function (EF003963)
Breaker contact
Type of switching output (EF003962)
NAMUR
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
Coating housing (EF001601)
Anodised
Max. output current at protected output (EF004035)
9.35 mA
Supply voltage (EF004127)
7 V
Rated control supply voltage DC (EF003980)
7 V
Voltage type (EF000187)
DC
Switching frequency (EF003587)
200 Hz
Housing material (EF001596)
Plastic

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / IA18CLN08UCM1 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.