

INDUSTRIAL COMPONENT DATA

UA18CAD09NPTI CARLO GAVAZZI Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE 0,2 to 1 m CONNECTIO..

Brand: CARLO GAVAZZI | Manufacturer Part Number: UA18CAD09NPTI



Manufacturer	CARLO GAVAZZI
MPN / Reference	UA18CAD09NPTI
Catalog number	10000
Category	Ultrasonic proximity switch
Minimum order	1 Pcs
Document ID	EO-5061DC10B3
Generated	2026-08-05

Product Overview

Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE >0,2 to 1 m CONNECTION Cable OUTPUT 2 x NPN MATERIAL Plastic Others HOUSING M18 x 84 mm SENSING RANGE 0,9 m MATERIAL Thermoplastic polyester Ultrasound with direct detection, digital output 2 x NPN, Sensing distance 100 to 900 mm.

Ultrasonic Sensor, Diffuse Reflective, M18 PBT housing, Cable Connector, Sn 100-900mm, NPN Output x2, Supply Voltage 15-30VDC, Current Output 500mA, Operating Temperature -20-60C, Response Time< 125mS, Switching Frequency 4Hz, IP67, Teach-in

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 > Conductive Level

Additional Product Information

Specifications

Rated operating distance100 mm ... 900 mmBlind zone100 mmDiameter18 mmAnalogue outputOtherOutput typeNPN/NPNOutput functionConfigurableConnection typeCableHousing materialPlasticRated power supply15 V ... 30 VDegree of protectionIP67

ETIM for UA18CAD09NPTI Sensors (EC001849)

Feature Name

Feature Value

Type of analogy output (EF003958)

Other

Type of electric connection (EF003961)

Cable

Type of switching output (EF003962)

NPN/NPN

Type of switch function (EF003963)

Programmable/configurable

Blind zone (EF003986)

100 mm

Length of sensor (EF007334)

83.6 mm

Diameter sensor (EF007111)

18 mm

Adjustable distance (EF008209)

100 mm

Setting procedure (EF003994)

Teach-In

Measuring range length (EF008213)

100 mm

Construction type housing (EF004008)

Cylinder, screw-thread

Standard for interfaces (EF004017)

Other

No-load current (EF004028)

45 mA

Relative linearity deflection (EF004034)

1 %

Max. output current (EF001315)

100 mA

Ambient temperature (EF002386)

-20 °C

Supply voltage (EF004127)

15 V

Relative repeat accuracy (EF004100)

0.5 %

Switching frequency (EF003587)

4 Hz

Voltage type (EF000187)

DC

Synchronisation possible (EF004117)

No

Material active area of sensor (EF004133)

Glass

Housing material (EF001596)

Plastic

Material of cable sheath (EF004136)

Polyvinyl chloride (PVC)

AWG-number (EF007010)

22

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / UA18CAD09NPTI 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.