

## INDUSTRIAL COMPONENT DATA

# UA18CAD09NKM1TI CARLO GAVAZZI Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE 0,2 to 1 m CONNECT..

Brand: CARLO GAVAZZI | Manufacturer Part Number: UA18CAD09NKM1TI



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | CARLO GAVAZZI               |
| MPN / Reference | UA18CAD09NKM1TI             |
| Catalog number  | 10000                       |
| Category        | Ultrasonic proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-19C6C62AFE               |
| Generated       | 2026-08-05                  |

## Product Overview

Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE >0,2 to 1 m CONNECTION M12 plug DC OUTPUT NPN + 0...10 V DC MATERIAL Plastic Others HOUSING M18 x 78 mm SENSING RANGE 0,9 m MATERIAL Thermoplastic polyester

Ultrasound with direct detection, analog output 0-10 V and digital NPN, Detection 100 to 900 mm.

Ultrasonic Sensor, Diffuse Reflective, M18 PBT housing, M12 Connector, Sn 100-900mm, Analogue Output 0-10V+ NPN, Supply Voltage 15-30VDC, Operating Temperature -20-60C, Response time

## 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 &gt; Sensors &gt; Conductive Level

## Additional Product Information

## Specifications

Rated operating distance100 mm ... 900 mmBlind zone100 mmDiameter18 mmAnalogue output0 V ... 10 VOutput typeNPNOutput functionConfigurableConnection typeM12 connectorHousing materialPlasticRated power supply15 V ... 30 VDegree of protectionIP67

ETIM for UA18CAD09NKM1TI Sensors (EC001849)

Feature Name

Feature Value

Type of analogy output (EF003958)

0 V ... 10 V

Type of electric connection (EF003961)

Connector M12

Type of switching output (EF003962)

NPN

Type of switch function (EF003963)

Programmable/configurable

Blind zone (EF003986)

100 mm

Length of sensor (EF007334)

77.7 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)

Analogue

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)

Other

AWG-number (EF007010)

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**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send CARLO GAVAZZI / UA18CAD09NKM1TI 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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