

## INDUSTRIAL COMPONENT DATA

# UA18EAD09NKTI CARLO GAVAZZI Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE 0,2 to 1 m CONNECTIO..

Brand: CARLO GAVAZZI | Manufacturer Part Number: UA18EAD09NKTI



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | CARLO GAVAZZI               |
| MPN / Reference | UA18EAD09NKTI               |
| Catalog number  | 10000                       |
| Category        | Ultrasonic proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-B958247F92               |
| Generated       | 2026-08-04                  |

## Product Overview

Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE >0,2 to 1 m CONNECTION Cable OUTPUT NPN + 0...10 V DC MATERIAL Metal Others HOUSING M18 x 83.6 mm SENSING RANGE 0,9 m MATERIAL Stainless steel Ultrasound with direct detection, analog output 0-10 V and digital NPN, Detection 100 to 900 mm. Ultrasonic Sensor, Diffuse Reflective, M18 Stainless Steel INOX housing, Cable 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 > Sensors > Conductive Level |
|--------------|--------------------------------------------|

## Additional Product Information

## Specifications

Rated operating distance100 mm ... 900 mmBlind zone100 mmDiameter18 mmAnalogue output0 V ... 10 VOutput typeNPNOutput functionConfigurableConnection typeCableHousing materialStainless steelRated power supply15 V ... 30 VDegree of protectionIP67  
ETIM for UA18EAD09NKTI Sensors (EC001849)  
Feature Name  
Feature Value  
Type of analogy output (EF003958)  
0 V ... 10 V

Type of electric connection (EF003961)

Cable

Type of switching output (EF003962)

NPN

Type of switch function (EF003963)

Programmable/configurable

Blind zone (EF003986)

100 mm

Length of sensor (EF007334)

86.3 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)

50 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)

Stainless steel

Material of cable sheath (EF004136)

Polyvinyl chloride (PVC)

AWG-number (EF007010)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / UA18EAD09NKTI 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

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.