

## INDUSTRIAL COMPONENT DATA

# UA18EAD04NKTI CARLO GAVAZZI Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE 0,2 to 1 m CONNECTIO..

Brand: CARLO GAVAZZI | Manufacturer Part Number: UA18EAD04NKTI



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | CARLO GAVAZZI               |
| MPN / Reference | UA18EAD04NKTI               |
| Catalog number  | 10000                       |
| Category        | Ultrasonic proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-8DB5DEDD50               |
| Generated       | 2026-08-03                  |

## 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 0,4 m MATERIAL Stainless steel Ultrasound with direct detection, analog output 0-10 V and digital NPN, Detection 50 to 400 mm. Ultrasonic Sensor, Diffuse Reflective, M18 Stainless Steel INOX housing, Cable Connector, Sn 50-400mm, 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 distance50 mm ... 400 mmBlind zone50 mmDiameter18 mmAnalogue output0 V ... 10 VOutput typeNPNOutput functionConfigurableConnection typeCableHousing materialStainless steelRated power supply15 V ... 30 VDegree of protectionIP67

ETIM for UA18EAD04NKTI 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)

50 mm

Length of sensor (EF007334)

86.3 mm

Diameter sensor (EF007111)

18 mm

Adjustable distance (EF008209)

50 mm

Setting procedure (EF003994)

Teach-In

Measuring range length (EF008213)

50 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)

10 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 / UA18EAD04NKTI 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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