

## INDUSTRIAL COMPONENT DATA

# UA18EAD04PPTI CARLO GAVAZZI Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE 0,2 to 1 m CONNECTIO..

Brand: CARLO GAVAZZI | Manufacturer Part Number: UA18EAD04PPTI



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | CARLO GAVAZZI               |
| MPN / Reference | UA18EAD04PPTI               |
| Catalog number  | 10000                       |
| Category        | Ultrasonic proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-8570997C1F               |
| Generated       | 2026-08-03                  |

## Product Overview

Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE >0,2 to 1 m CONNECTION Cable OUTPUT 2 x PNP MATERIAL Metal Others HOUSING M18 x 83.6 mm SENSING RANGE 0,4 m MATERIAL Stainless steel  
Ultrasound with direct detection, 2 x PNP digital output, Sensing distance 50 to 400 mm  
Ultrasonic Sensor, Diffuse Reflective, M18 Stainless Steel INOX housing, Cable Connector, Sn 50-400mm, PNP Out x2, Supply Voltage 15-30VDC, Current Output 500mA, 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 outputOtherOutput  
typePNP/PNPOutput functionConfigurableConnection typeCableHousing materialStainless steelRated power supply15 V ...  
30 VDegree of protectionIP67

ETIM for UA18EAD04PPTI Sensors (EC001849)

Feature Name

Feature Value

Type of analogy output (EF003958)

Other

Type of electric connection (EF003961)

Cable

Type of switching output (EF003962)

PNP/PNP

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)

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)

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 / UA18EAD04PPTI 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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