

## INDUSTRIAL COMPONENT DATA

# UA18ESD08AGM1TI CARLO GAVAZZI System: Sensor, Housing: M18, Sensing range: 0,2 to 1 m, Connection: M12 plug ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: UA18ESD08AGM1TI



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | CARLO GAVAZZI               |
| MPN / Reference | UA18ESD08AGM1TI             |
| Catalog number  | 10000                       |
| Category        | Ultrasonic proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-F0705673C3               |
| Generated       | 2026-08-06                  |

## Product Overview

System: Sensor, Housing: M18, Sensing range: >0,2 to 1 m, Connection: M12 plug DC, Output: analogue 4...20 mADC, Material: Stainless Steel, Housing: M18 x 46,4 mm, Sensing range: 0,8 m, Material: AISI 316L (DIN 1.4404)  
Ultrasound with direct detection, analog output 4-20 mA, Sensing distance 80 to 800 mm.  
Ultrasonic sensor, Diffuse reflective, M18 stainless steel, M12 plug, Sn 80-800mm, Output 4-20mA, Supply voltage 10-30Vdc, Operating temperature -20C - +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 distance80 mm ... 800 mmBlind zone80 mmDiameter18 mmAnalogue output4 mA ... 20 mAOutput typeOtherOutput functionConfigurableConnection typeM12 connectorHousing materialStainless steelRated power supply10 V ... 30 VDegree of protectionIP67

ETIM for UA18ESD08AGM1TI Sensors (EC001849)

Feature Name

Feature Value

Type of analogy output (EF003958)

4 mA ... 20 mA

Type of electric connection (EF003961)

Connector M12

Type of switching output (EF003962)

Other

Type of switch function (EF003963)

Programmable/configurable

Blind zone (EF003986)

80 mm

Length of sensor (EF007334)

60.4 mm

Diameter sensor (EF007111)

18 mm

Adjustable distance (EF008209)

80 mm

Setting procedure (EF003994)

Teach-In

Measuring range length (EF008213)

80 mm

Construction type housing (EF004008)

Cylinder, screw-thread

Standard for interfaces (EF004017)

Analogue

No-load current (EF004028)

35 mA

Relative linearity deflection (EF004034)

1 %

Max. output current (EF001315)

0 mA

Ambient temperature (EF002386)

-20 °C

Supply voltage (EF004127)

10 V

Relative repeat accuracy (EF004100)

1 %

Switching frequency (EF003587)

0 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)

Other

AWG-number (EF007010)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / UA18ESD08AGM1TI 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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