

INDUSTRIAL COMPONENT DATA

UA18CSD03AGM1TI CARLO GAVAZZI System: Sensor, Housing: M18, Sensing range: 0,2 to 1 m, Connection: M12 plug ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: UA18CSD03AGM1TI



Manufacturer	CARLO GAVAZZI
MPN / Reference	UA18CSD03AGM1TI
Catalog number	10000
Category	Ultrasonic proximity switch
Minimum order	1 Pcs
Document ID	EO-2FE3C6A653
Generated	2026-08-05

Product Overview

System: Sensor, Housing: M18, Sensing range: >0,2 to 1 m, Connection: M12 plug DC, Output: analogue 4...20 mADC, Material: Plastic, Housing: M18 x 46,4 mm, Sensing range: 0,3 m, Material: Thermoplastic polyester
Ultrasound with direct detection, analog output 4-20 mA, Sensing distance 40 to 300 mm.
Ultrasonic sensor, Diffuse reflective, M18 plastic, M12 plug, Sn 40-300mm, 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 distance40 mm ... 300 mmBlind zone40 mmDiameter18 mmAnalogue output4 mA ... 20 mAOutput typeOtherOutput functionConfigurableConnection typeM12 connectorHousing materialPlasticRated power supply10 V ... 30 VDegree of protectionIP67

ETIM for UA18CSD03AGM1TI 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)

40 mm

Length of sensor (EF007334)

60.4 mm

Diameter sensor (EF007111)

18 mm

Adjustable distance (EF008209)

40 mm

Setting procedure (EF003994)

Teach-In

Measuring range length (EF008213)

40 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)

Plastic

Material of cable sheath (EF004136)

Other

AWG-number (EF007010)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / UA18CSD03AGM1TI with the required quantity to info@electricaonline.com or use 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.