

INDUSTRIAL COMPONENT DATA

UA18CAD09PPM1TI CARLO GAVAZZI Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE 0,2 to 1 m CONNECT..

Brand: CARLO GAVAZZI | Manufacturer Part Number: UA18CAD09PPM1TI



Manufacturer	CARLO GAVAZZI
MPN / Reference	UA18CAD09PPM1TI
Catalog number	10000
Category	Ultrasonic proximity switch
Minimum order	1 Pcs
Document ID	EO-5B82968078
Generated	2026-08-04

Product Overview

Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE >0,2 to 1 m CONNECTION M12 plug DC OUTPUT 2 x PNP MATERIAL Plastic Others HOUSING M18 x 84 mm SENSING RANGE 0,9 m MATERIAL Thermoplastic polyester

Ultrasound with direct detection, digital output 2 x PNP, Sensing distance 100 to 900 mm.

UUltrasonic Sensor, Diffuse Reflective, M18 PBT housing, M12 Connector, Sn 100-900mm, PNP Output x2, Supply Voltage 15-30VDC, Current Output 500mA, Operating Temperature -20-60C, Response Time< 125mS, Switching Frequency 4Hz, IP67, Teach-in

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 outputOtherOutput typePNP/PNPOutput functionConfigurableConnection typeM12 connectorHousing materialPlasticRated power supply15 V ... 30 VDegree of protectionIP67

ETIM for UA18CAD09PPM1TI Sensors (EC001849)

Feature Name

Feature Value

Type of analogy output (EF003958)

Other

Type of electric connection (EF003961)

Connector M12

Type of switching output (EF003962)

PNP/PNP

Type of switch function (EF003963)

Programmable/configurable

Blind zone (EF003986)

100 mm

Length of sensor (EF007334)

77.7 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)

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)

4 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)

22

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / UA18CAD09PPM1TI 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.