

INDUSTRIAL COMPONENT DATA

UA18CAD04NPM1TI CARLO GAVAZZI Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE 0,2 to 1 m CONNECT..

Brand: CARLO GAVAZZI | Manufacturer Part Number: UA18CAD04NPM1TI



Manufacturer	CARLO GAVAZZI
MPN / Reference	UA18CAD04NPM1TI
Catalog number	10000
Category	Ultrasonic proximity switch
Minimum order	1 Pcs
Document ID	EO-1A064FB61C
Generated	2026-08-05

Product Overview

Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE >0,2 to 1 m CONNECTION M12 plug DC OUTPUT 2 x NPN MATERIAL Plastic Others HOUSING M18 x 84 mm SENSING RANGE 0,4 m MATERIAL Thermoplastic polyester

Ultrasound with direct detection, digital output 2 x NPN, Sensing distance 50 to 400 mm.

Ultrasonic Sensor, Diffuse Reflective, M18 PBT housing, M12 Connector, Sn 40-500mm, NPN Output x2, Supply Voltage 15-30VDC, Current Output 500mA, Operating Temperature -20-60C, Response Time< 50mS, Switching Frequency 10Hz, 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
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Additional Product Information

Specifications

Rated operating distance50 mm ... 400 mmBlind zone50 mmDiameter18 mmAnalogue outputOtherOutput typeNPN/NPNOOutput functionConfigurableConnection typeM12 connectorHousing materialPlasticRated power supply15 V ... 30 VDegree of protectionIP67

ETIM for UA18CAD04NPM1TI Sensors (EC001849)

Feature Name

Feature Value

Type of analogy output (EF003958)

Other

Type of electric connection (EF003961)

Connector M12

Type of switching output (EF003962)

NPN/NPN

Type of switch function (EF003963)

Programmable/configurable

Blind zone (EF003986)

50 mm

Length of sensor (EF007334)

77.7 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)

Plastic

Material of cable sheath (EF004136)

Other

AWG-number (EF007010)

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / UA18CAD04NPM1TI with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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