

## INDUSTRIAL COMPONENT DATA

# UA18CAD22PGM1TI CARLO GAVAZZI Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE 1 to 3 m CONNECTIO..

Brand: CARLO GAVAZZI | Manufacturer Part Number: UA18CAD22PGM1TI



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | CARLO GAVAZZI               |
| MPN / Reference | UA18CAD22PGM1TI             |
| Catalog number  | 10000                       |
| Category        | Ultrasonic proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-C5705FF336               |
| Generated       | 2026-08-04                  |

## Product Overview

Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE >1 to 3 m CONNECTION M12 plug DC OUTPUT PNP + 4...20 mA DC MATERIAL Plastic Others HOUSING M18 x 78 mm SENSING RANGE 2,2 m MATERIAL

Thermoplastic polyester

Ultrasound with direct detection, analog output 4-20 mA and digital PNP, Detection 200 to 2000 mm.

Ultrasonic Sensor, Diffuse Reflective, M18 PBT housing, M12 Connector, Sn 200-2200mm, Analogue Output 4-20mA+ PNP, Supply Voltage 15-30VDC, 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 &gt; Sensors &gt; Conductive Level

## Additional Product Information

## Specifications

Rated operating distance200 mm ... 2200 mmBlind zone200 mmDiameter18 mmAnalogue output4 mA ... 20 mAOutput typePNPOutput functionConfigurableConnection typeM12 connectorHousing materialPlasticRated power supply15 V ... 30 VDegree of protectionIP67

ETIM for UA18CAD22PGM1TI 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)

PNP

Type of switch function (EF003963)

Programmable/configurable

Blind zone (EF003986)

200 mm

Length of sensor (EF007334)

77.7 mm

Diameter sensor (EF007111)

18 mm

Adjustable distance (EF008209)

200 mm

Setting procedure (EF003994)

Teach-In

Measuring range length (EF008213)

200 mm

Construction type housing (EF004008)

Cylinder, screw-thread

Standard for interfaces (EF004017)

Analogue

No-load current (EF004028)

50 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)

1 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 / UA18CAD22PGM1TI 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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