

## INDUSTRIAL COMPONENT DATA

# UA12BLD02NPM1TR CARLO GAVAZZI BOX SYSTEM Sensor parameters selected hastaq M12 SCOPE 0.2 m CONNECTION M12 co..

Brand: CARLO GAVAZZI | Manufacturer Part Number: UA12BLD02NPM1TR



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | CARLO GAVAZZI               |
| MPN / Reference | UA12BLD02NPM1TR             |
| Catalog number  | 10000                       |
| Category        | Ultrasonic proximity switch |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-8C19D8CAD6               |
| Generated       | 2026-08-05                  |

## Product Overview

BOX SYSTEM Sensor parameters selected hastaq M12 SCOPE 0.2 m CONNECTION M12 connector DC OUT DC NPN  
MATERIAL Metal Other BOX M12 x 79mm SCOPE 0.2 m Material Stainless steel  
Ultrasound with direct detection, output NPN, NA/NC, Sensing distance 25 to 200 mm.  
Ultrasonic Sensor, Diffuse Reflective, M12 Stainless Steel housing, Plug M12 Connector, Sn 25-200mm, NPN Output,  
Supply Voltage 10-30VDC, Current Output 100mA, Operating Temperature -20-70C, 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 distance25 mm ... 200 mmBlind zone25 mmDiameter12 mmAnalogue outputOtherOutput typeNPNOutput functionConfigurableConnection typeM12 connectorHousing materialStainless steelRated power supply10 V ... 30 VDegree of protectionIP65

ETIM for UA12BLD02NPM1TR 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

Type of switch function (EF003963)

Programmable/configurable

Blind zone (EF003986)

25 mm

Width sensor (EF007094)

0 mm

Height of sensor (EF007283)

0 mm

Length of sensor (EF007334)

79 mm

Diameter sensor (EF007111)

12 mm

Adjustable distance (EF008209)

25 mm

Setting procedure (EF003994)

Teach-In

Measuring range length (EF008213)

25 mm

Explosion safety category for gas (EF003997)

None

Explosion safety category for dust (EF003998)

None

Construction type housing (EF004008)

Cylinder, screw-thread

Standard for interfaces (EF004017)

Other

No-load current (EF004028)

35 mA

Relative linearity deflection (EF004034)

1 %

Max. output current (EF001315)

100 mA

Ambient temperature (EF002386)

-20 °C

Supply voltage (EF004127)

10 V

Relative repeat accuracy (EF004100)

0.5 %

Switching frequency (EF003587)

20 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)

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / UA12BLD02NPM1TR 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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