

INDUSTRIAL COMPONENT DATA

UA18CAD22NKTI CARLO GAVAZZI Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE 1 to 3 m CONNECTION ..

Brand: CARLO GAVAZZI | Manufacturer Part Number: UA18CAD22NKTI



Manufacturer	CARLO GAVAZZI
MPN / Reference	UA18CAD22NKTI
Catalog number	10000
Category	Ultrasonic proximity switch
Minimum order	1 Pcs
Document ID	EO-EB9A0C7EB1
Generated	2026-08-04

Product Overview

Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE >1 to 3 m CONNECTION Cable OUTPUT NPN + 0...10 V DC MATERIAL Plastic Others HOUSING M18 x 84 mm SENSING RANGE 2,2 m MATERIAL Thermoplastic polyester

Ultrasound with direct detection, analog output 0-10 V and digital NPN, Detection 200 to 2000 mm.

Ultrasonic Sensor, Diffuse Reflective, M18 PBT housing, Cable Connector, Sn 200-2200mm, Analogue Output 0-10V+ NPN, 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 > Sensors > Conductive Level

Additional Product Information

Specifications

Rated operating distance200 mm ... 2200 mmBlind zone200 mmDiameter18 mmAnalogue output0 V ... 10 VOutput typeNPNOutput functionConfigurableConnection typeCableHousing materialPlasticRated power supply15 V ... 30 VDegree of protectionIP67

ETIM for UA18CAD22NKTI Sensors (EC001849)

Feature Name

Feature Value

Type of analogy output (EF003958)

0 V ... 10 V

Type of electric connection (EF003961)

Cable

Type of switching output (EF003962)

NPN

Type of switch function (EF003963)

Programmable/configurable

Blind zone (EF003986)

200 mm

Length of sensor (EF007334)

83.6 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)

Polyvinyl chloride (PVC)

AWG-number (EF007010)

22

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / UA18CAD22NKT1 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.