

UH

UHZ/AN-0A

Ultra.20x30x12,NPN-NO,Cable,Emitt+Receiv

CUBIC THROUGH BEAM ULTRASONIC SENSORS

OVERVIEW

- Total protection against any type of electric damages
- Plastic housing
- IP67 protection degree
- Approvals: CE

CE

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	300mm
Beam angle	± 8°
Sensitivity adjustment	No
thermal compensation	Yes
Minimum sensing distance (blind zone)	0mm

Application

Function Principle	Emitter + Receiver

Outputs

Output type	NPN
Output Function	NO
Switching frequency	500Hz
Response time	1ms

Electrical data

Operating Voltage	19 - 30Vdc
Load current	40mA
Leakage current	< 10µA
Output voltage drop	< 2,5V
Max ripple content	< 10%
LED indicators	Yellow LED (output active or incorrect alignment)
Time delay before availability	< 200ms
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Impulsive Overvoltage Protection	Yes

Mechanical data

Dimensions	24 x 30 x 15mm
Housing material	PBTP
Weight	100g
Connections	2m PVC cable
Active Head Material	ceramics
Operating temperature	- 15°C…+ 60°C
Storage temperature	- 25°C…+ 75° C (without freeze)
Transducer Frequency	300KHz
Diameter/Dimension	Cubic

Test/Approvals

Approvals	CE
EMC compatibility	IEC 60947-5-2
Shocks and vibrations	IEC EN 60947-5-2 / 7.4
Degree of protection	IP67

Generical Data

Dimensions	24 x 30 x 15mm
Operating Temperature	- 15°C…+ 60°C
Mechanical Protection	IP67

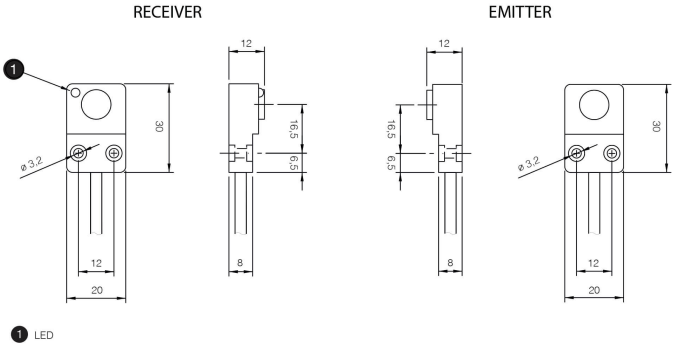
CONNECTIONS

Eletrical diagram

Image:

OTHERS

Dimensions



Datasensing S.r.l.
Strada S.Caterina, 235
41122 Modena (MO)
Tel. 059 420411
Fax 059 253973
E-mail
info@datasensing.com

date of printing
04/11/2026
11:45:53