



UH

UHS/CN-0A

Ultra.25x50x13,NPN-NC,Cable,Emitt+Receiv
CUBIC THROUGH BEAM ULTRASONIC SENSORS

OVERVIEW

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



TECHNICAL FEATURES

Detection properties

Nominal sensing distance	1100mm
--------------------------	--------

Beam angle	$\pm 9^\circ$
------------	---------------

Sensitivity adjustment	No
------------------------	----

thermal compensation	Yes
----------------------	-----

Minimum sensing distance (blind zone)	0mm
---------------------------------------	-----

Application	
Function Principle	Emitter + Receiver
Outputs	
Output type	NPN
Output Function	NC
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 50 x 15mm
Housing material	PBTP
Weight	150g
Connections	2m PVC cable
Active Head Material	ceramics
Operating temperature	- 15°C...+ 60°C
Storage temperature	- 25°C...+ 75° C (without freeze)
Transducer Frequency	180KHz
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 50 x 15mm
Operating Temperature	- 15°C...+ 60°C
Mechanical Protection	IP67

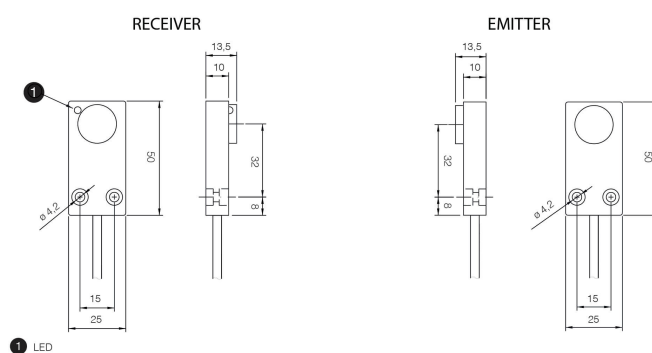
CONNECTIONS

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**
10/08/2026
00:19:14