



CX2

CX2E0RP/10-032VRG

Area Sen, H=320mm-10mm pitch,E+R,PNP

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	0,3 ... 6m
Beams space	10mm
controlled height	960mm
minimum detectable object	Ø 10mm
number of rays	33
Sensitivity adjustment	Teach-in by wire

Application

Function Principle	emitter/receiver
--------------------	------------------

Outputs

Output Function	NO/NC
-----------------	-------

Switching frequency	33,7Hz
---------------------	--------

Electrical data

Operating Voltage	16,8... 30Vdc
No-Load supply current	≤330mA
Load current	< 100mA
Leakage current	≤ 10μA
Output voltage drop	< 1,5V @ 100mA
Max ripple content	< 1,2Vpp
LED indicators	Blue, red and yellow (emitter) - green, red and yellow (receiver)
Time delay before availability	< 3s
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Emission	Infrared (880nm)
Interference to external light	IEC EN 60947-5-2
Impulsive Overvoltage Protection	Yes

Mechanical data

Housing material	Aluminium
Connections	M12 4pin + cable PVC 200mm ; M12 8pin + cable PVC 200mm
Active Head Material	PMMA

Storage temperature	- 25°C...+ 60° C (without freeze)
---------------------	-----------------------------------

Test/Approvals

Approvals	CE, cULus
-----------	-----------

EMC compatibility	IEC 60947-5-2
-------------------	---------------

Shocks and vibrations	IEC EN 60947-5-2
-----------------------	------------------

Accessories

Supplied Accessories	ST151 fixing kit
----------------------	------------------

Generical Data

Dimensions	329x36x20
------------	-----------

Operating Temperature	-10°C...+ 55° C (without freeze)
-----------------------	----------------------------------

Mechanical Protection	IP67
-----------------------	------

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
00:38:33