



CX2

CX2E0RA/10-032VTB

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

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	0,3 ... 6m
Beams space	10mm
controlled height	320mm
minimum detectable object	Ø 10mm
number of rays	33
Sensitivity adjustment	Teach-in by wire

Application

Function Principle	emitter/receiver
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Outputs

Output type	0,,,10V + 4,,,20mA
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Output Function	positive/negative slope
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)
Impulsive Overvoltage Protection	Yes

Mechanical data

Housing material	Aluminium
Weight	750g
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

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