



CX2

CX2E0RA/05-048VTB

Area Sen, H=480mm-5mm pitch,E+R,I+V

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	0,3 ... 3m
Beams space	5mm
controlled height	480mm
number of rays	97
Sensitivity adjustment	Teach-in by wire

Application

Function Principle	emitter/receiver
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Outputs

Output type	0,,,10V + 4,,,20mA
Output Function	positive/negative slope

Switching frequency	12,3Hz
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Electrical data

Operating Voltage	16,8... 30Vdc
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No-Load supply current	$\leq 330\text{mA}$
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Load current	$< 100\text{mA}$
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Leakage current	$\leq 10\mu\text{A}$
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Output voltage drop	$< 1,5\text{V @ } 100\text{mA}$
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Max ripple content	$< 1,2\text{Vpp}$
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LED indicators	Blue, red and yellow (emitter) - green, red and yellow (receiver)
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Time delay before availability	$< 3\text{s}$
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Short-circuit protection	Yes
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Reverse Polarity Protection	Yes
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Emission	Infrared (850nm)
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Impulsive Overvoltage Protection	Yes
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Mechanical data

Weight	1200g
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Housing Material	Aluminium
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Connections	M12 4pin + cable PVC 200mm ; M12 8pin + cable PVC 200mm
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Active Head Material	PMMA
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Storage temperature	- 25°C...+ 60° C (without freeze)
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Test/Approvals

Approvals	CE, cULus
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EMC compatibility	IEC 60947-5-2
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Shocks and vibrations	IEC EN 60947-5-2
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Accessories

Supplied Accessories	ST151 fixing kit
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Generical Data

Dimensions	489x36x20
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Operating Temperature	-10°C...+ 55° C (without freeze)
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Mechanical Protection	IP67
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