



Main

Range of product	OsiSense XU
Series name	Application, assembly, amplifier
Specific application of photoelectric detector	Control of high and low levels Detection of reference marks High precision monitoring of movement Light curtains with up to 4 beams Simultaneous verification of up to 4 components
Sensor name	XUY
Sensor design	Fiber design
Number of channels	4

Complementary

Electronic sensor type	Photo-electric sensor
Material	Plastic
Enclosure material	Polyamide PA6, glass impregnated
Display material	Polyamide PA12
Resolution	2000 points
Type of output signal	Discrete
Output type	Solid state
Discrete output function	1 NO or 1 NC programmable
Discrete output type	PNP
Analogue output range	4...20 mA
Analogue input type	Rising and falling selectable
Add on output	Above/below the window zone on 1 selected channel And/or of the main outputs With alarm output
Electrical connection	2 male connectors M8, 4 pins
Supply circuit type	DC
[Us] rated supply voltage	15...27 V DC with reverse polarity protection
Supply voltage limits	12...30 V DC
Switching capacity in mA	100 mA for overload and short-circuit protection
Switching frequency	1.1 kHz
Voltage drop	< 2 V (closed state)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Current consumption	150 mA (no-load)
Load capacitance	200 nF
Delay response	1 ms for analogue output 0.45 ms
Delay recovery	1 ms for analogue output 0.45 ms
Product weight	0.15 kg

Environment

Product certifications	CE
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-20...80 °C
Immunity to ambient light	<= 5000 lux with incandescent bulb <= 6000 lux with natural light
IP degree of protection	IP40 conforming to IEC 60529

Contractual warranty

Warranty period	18 months
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XUYAFCLARY4STSP is replaced by:



Optic fiber XUDA1NSMM8

photoelectric sensor - XUD - M8 - PVC - NPN - discrete solid state

Qty 1

Reason for Substitution: End of life | Substitution date: 30 December 2009