



Main

Range of product	OsiSense XU
Series name	Optimum
Electronic sensor type	Photo-electric sensor transmitter
Specific application of photoelectric detector	Object
Sensor name	XUB
Sensor design	Cylindrical M18
Material	Plastic
Detection system	Thru beam
Emission	Infrared thru beam
Line of sight type	90° lateral
[Sn] nominal sensing distance	15 m thru beam
Wiring technique	3 wires
Electrical connection	1 male connector M12 4 pins
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Switching capacity in mA	≤ 100 mA overload and short-circuit protection
Current consumption	35 mA no-load

Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	20 m thru beam
Type of output signal	Discrete
Output type	Solid state
Add on input	Test by emission breaking
Status LED	1 LED green supply on
Supply circuit type	DC
Supply voltage limits	10...36 V DC
Switching frequency	≤ 500 Hz
Voltage drop	1,5 V closed state
Delay first up	< 15 ms
Delay response	< 1 ms
Delay recovery	< 1 ms
Setting-up	Without sensitivity adjustment
Length	76 mm
Product weight	0,04 kg

Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 gn +/- 1.5 mm 10...55 Hz IEC 60068-2-6
Shock resistance	30 gn 11 ms IEC 60068-2-27

IP degree of protection	IP65 double insulation IEC 60529 IP67 double insulation IEC 60529
RoHS EUR conformity date	0821
RoHS EUR status	Compliant