

XUBTSNSNL2

photo-electric sensor - XUBT - polarised - Sn
1.4m - 12..24VDC - cable 2m



Main

Range of product	OsiSense XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Product specific application	Detection of transparent object
Sensor name	XUBT
Sensor design	Cylindrical M18
Detection system	Reflex
Material	Metal
Line of sight type	Axial
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	2 m
Emission	Coaxial polarised red reflex
[Sn] nominal sensing distance	0...1.4 m with reflector XUZ C50/C50HP

Buy online

Complementary

Kit composition	Reflector XUZC50HP Sensor
Enclosure material	Stainless steel : 304 CU
Lens material	PMMA
Beam angle	1.5 °
Blind zone	0 mm
Spot diameter	37 mm
Type of output signal	Discrete
Output type	Solid state
Wire insulation material	PvR
Status LED	1 LED (green) for supply on 1 LED (red) for stability 1 LED (yellow) for output state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...32 V DC
Switching capacity in mA	100 mA (overload and short-circuit protection)
Switching frequency	1000 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	45 mA (no-load)
Delay first up	< 200 ms
Delay response	< 500 ms
Delay recovery	< 500 ms
Product weight	0.135 kg

Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 gn, amplitude = +/- 1 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 (double insulation) conforming to IEC 60529 IP67 (double insulation) conforming to IEC 60529 IP69K (double insulation) conforming to DIN 40050

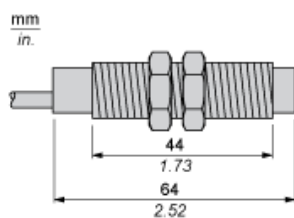
Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0724 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
Product environmental profile	Available Product Environmental
Product end of life instructions	Available End Of Life Manual

Contractual warranty

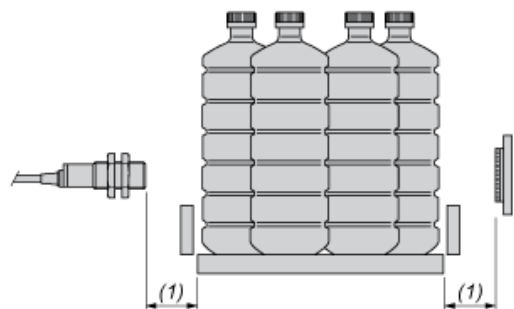
Warranty period	18 months
-----------------	-----------

Dimensions



Setting-up

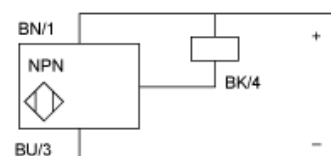
Recommended Distances and Application Restraints



(1) Blind zone : 0 m

Wiring Schemes

NPN



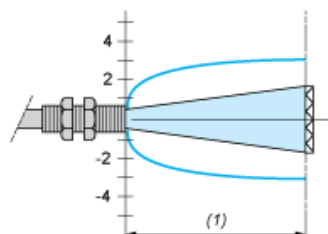
BU : Blue

BN : Brown

BK : Black (out / output)

Detection Curves

Line of Sight Along Case Axis



$S_n \leq 1.4 \text{ m}$