



### Main

Range of product	OsiSense XU
Series name	Application material handling
Electronic sensor type	Photo-electric sensor
Sensor name	XUV
Sensor design	Fork
Detection system	Thru beam
Emission	Infrared
Passage width	1.18 in (30 mm)
Passage depth	1.57 in (40 mm)
Material	Plastic
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product specific application	Detection of flags in lifts/transtockers
[Sn] nominal sensing distance	1.18 in (30 mm)

### Complementary

Enclosure material	ABS/PC
Lens material	PMMA
Type of output signal	Discrete
Output type	Solid state
Output function governance	Dark
Cable composition	3 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Cable outer diameter	0.2 in (5 mm)
Status LED	1 LED (red) output state
[Us] rated supply voltage	24 V DC with reverse polarity protection
Supply voltage limits	19...38 V DC
Switching capacity in mA	<= 150 mA (overload and short-circuit protection)
Switching frequency	<= 1 kHz
Voltage drop	<= 1.5 V (closed state)
Current consumption	<= 20 mA (no-load)
Delay first up	<= 30 ms
Delay response	0.5 ms
Delay recovery	0.5 ms
Setting-up	Without sensitivity adjustment
Depth	2.68 in (68 mm)
Height	2.32 in (59 mm)
Width	0.55 in (14 mm)
Product weight	0.29 lb(US) (0.13 kg)

### Environment

product certifications	CE
ambient air temperature for operation	23...131 °F (-5...55 °C)

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ambient air temperature for storage	-4...158 °F (-20...70 °C)
vibration resistance	7 gn, amplitude = +/- 1 mm (f = 10...42 Hz) conforming to IEC 60068-2-6
shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP54 conforming to IEC 60529

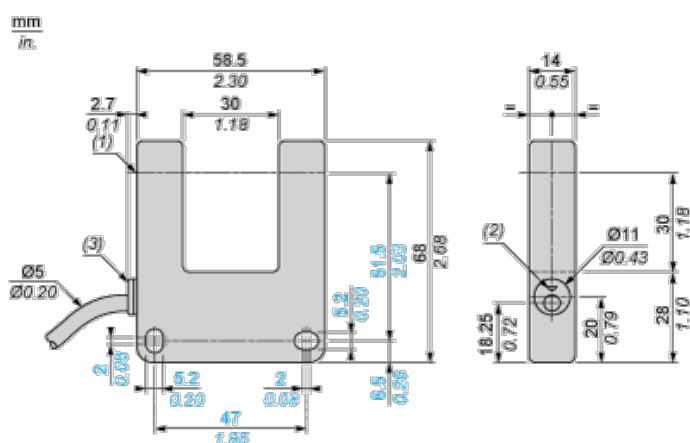
## Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 0931 - Schneider Electric declaration of conformity	Compliant - since 0931 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

Warranty period	18 months
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## Dimensions



- (1) Optical axis
- (2) Red LED
- (3) Diffuser

## Wiring Schemes (3-Wire DC)

### NO Function

#### PNP Output



- BN : Brown
- BK : Black
- BU : Blue

## Detection Curve

mm  
in.

