

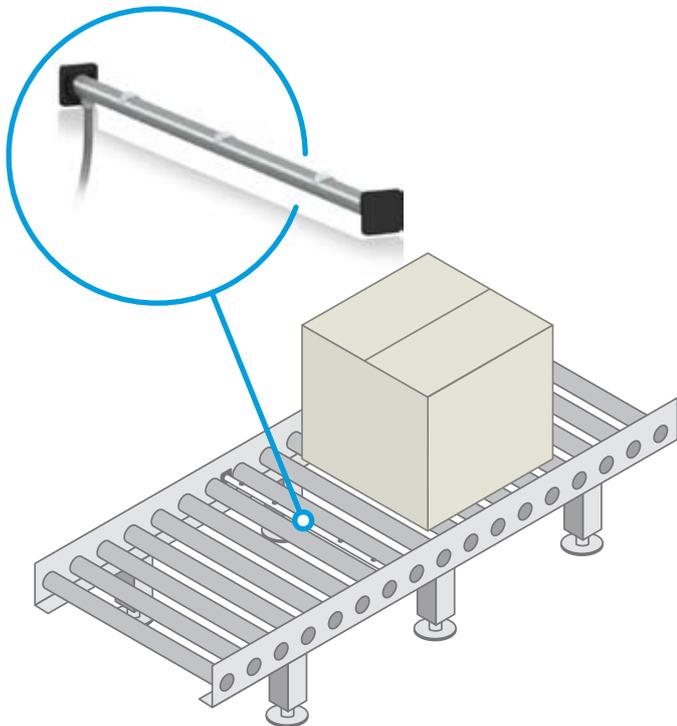
Photo-electric roller sensors for simple integration into your conveyors system

Sensor integrations on a roller conveyors system needs a lot of installation time and can suffer product damages

Optimized installation and maintenance: Simple, fast with no settings, no alignment, no environment teaching and optimized mounting with no additional brackets or reflectors required.

100% detection: No Background or foreground limitations (ideal especially with presence of high-visibility jackets) while detection is effective on the full width of the conveyor.

Shock Proof to improve operation costs: Benefit of the mechanical installation, embedded within the conveyor frame unlike solution with reflectors and brackets, it prevents product damage and extends life time.



Benefits

Fast, modular and minimum installation time :

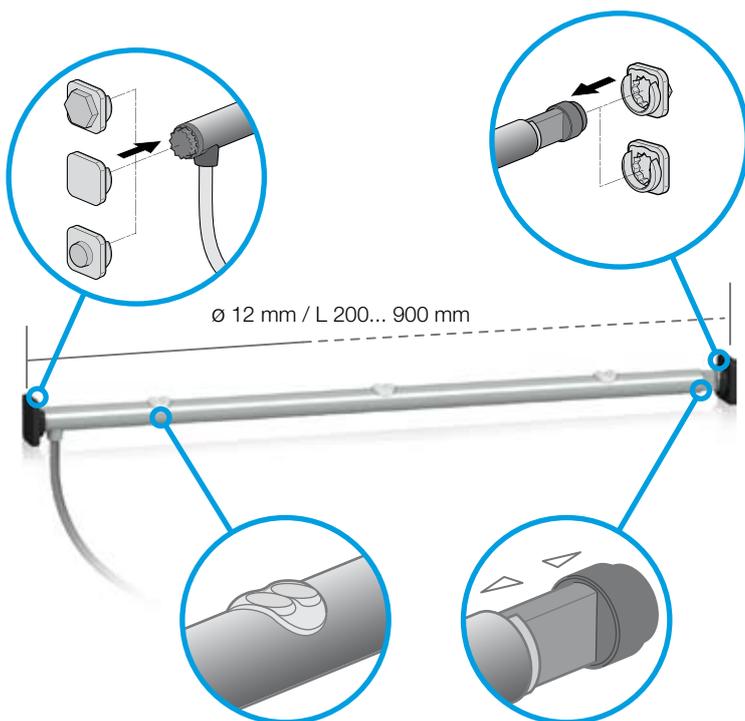
- No tools needed
- Easy mounting from the top, whatever the size of the conveyor
- Gain of 50% in installation and adjustment
- 3 fixing solutions.

100% detection :

- No package color effect thanks reliable detection
- Easy direction adjustment, every 30°
- Full length detection thanks to multiple sensors.

Shock proof protection cut maintenance costs

- The sensor is embedded within the frame and fixed between rollers with no risk of shock destruction.



Characteristics

RollerSensor OsiSense XUY

- Number of sensors: from 1 to 6 alongside the tube
- Detection mode: diffuse infrared
- Sensing distance: up to 100 mm
- Dust test-proof lens (shape and gain)
- Dimension: Ø 12 mm, from 200 to 900 mm
- Material case / lens: aluminium / PMMA
- 3 Fixing solutions with spring effect:
 - Hexagonal 11.1 mm
 - Ø 8 mm
 - Adhesive part
- Supply voltage: 24 V DC
- Connection: M12, 4 pins connector or cable
- Output: PNP/NPN, NO/NC by wiring
- Switching frequency: 1 000 Hz
- Operating temperature: -10°C to +60°C
- Degree of protection: IP65

References

RollerSensor OsiSense XUY	Fixation: Hexagonal Connection: For 415 mm conveyor other lenght of conveyor from 200 to 900 mm (under request)	Cable L= 2 m XUY415N4HL2	Câble L= 0,3 m with connector M12, 4 pin XUY415N4HL03M12
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Accessories:	Jumper M12 male/M12 female with 2 m cable	Elbowed XZCR1512041C2	Straight XZCR1511041C2
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