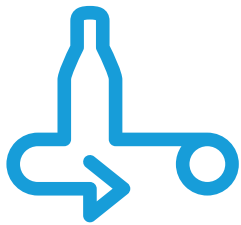


OsiSense application



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

You need a fast, simple, and reliable solution for sensors integration in your roller conveyors installation.

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

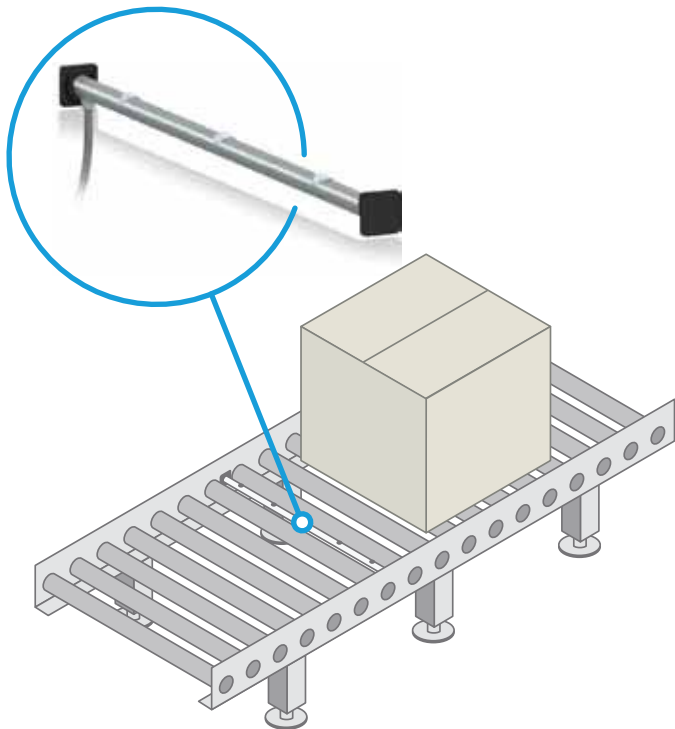
100% detection: no background or foreground limitations (ideal especially with presence of high-visibility jackets) while detection is effective on the full width of the conveyor.

Shockproof 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 lifetime.



**Telemecanique**

**Sensors**



## Benefits

### Fast, modular, and minimum installation time:

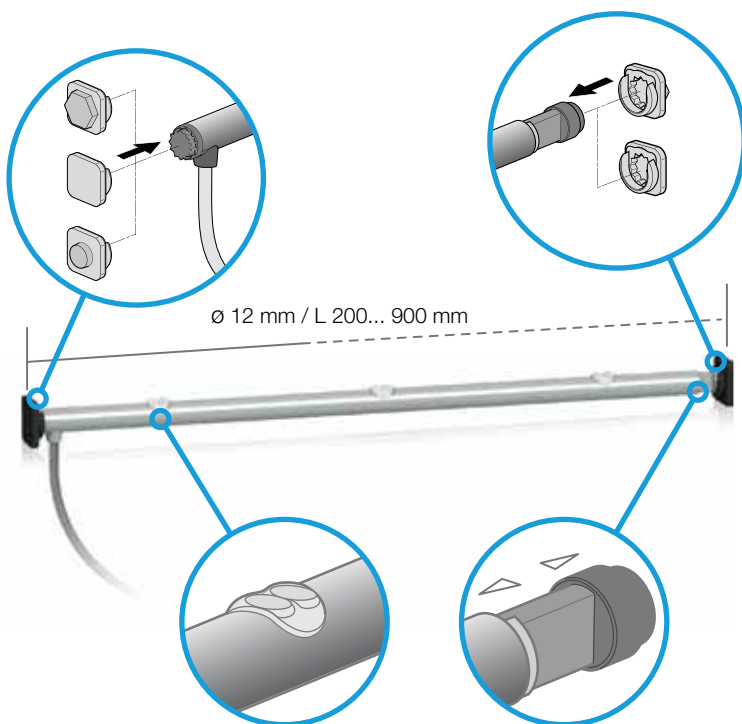
- No tools needed
- Easy mounting from the top, whatever the size of the conveyor
- Gain of 50% in installation and adjustment
- 3 fixing solutions.

### 100% detection:

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

### Shockproof protection cuts maintenance costs:

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



## Characteristics

### Roller sensor 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/PA
- 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: 500 Hz
- Operating temperature: -10°C to +55°C
- Degree of protection: IP40 (IP55 on request).

## References

Roller sensor OsiSense XUY	Fixation hexagonal connection for 415 mm conveyor other length of conveyor from 200 to 900 mm (under request)	Cable L= 2 m <a href="#">XUY415N4HL2</a>	Cable L= 0,3 m with connector M12, 4 pin <a href="#">XUY415N4HL03M12</a>
Accessories	Jumper M12 male/M12 female with 2 m cable	Elbowed <a href="#">XZCR1512041C2</a>	Straight <a href="#">XZCR1511041C2</a>

## Schneider Electric Industries SAS

### Head Office

35, rue Joseph Monier – CS 30323  
F92506 Rueil-Malmaison Cedex  
FRANCE

www.schneider-electric.com

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