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

You need a fast, simple, and reliable solution for sensors' integration into your roller conveyors?

**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.
**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
- Different fixing solutions

*100% detection:*
- No package colour effect thanks to reliable detection
- Easy direction adjustment, every 15°
- 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**
- From 1 to 6 sensors 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
- 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: IP50 (IP65 on request)
- New design with LED information even visible from behind

**References**

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**Accessories**
- Jumper M12 male/M12 female with 2 m cable
- Elbowed: XZCR1512041C2
- Straight: XZCR1511041C2

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