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.
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: IP50 (IP65 on request).

References

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