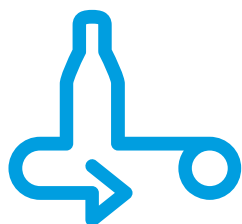


OsiSense application



Optical fork for label detection in the packaging industry

To efficiently detect labels of different types, formats and colours in compact machines, the optical forks must be small, easy to adjust, and easy to install.

The OsiSense™ XUVE optical fork easily integrates in the machine due to its compactness and very slender heel. It makes it easy to obtain better tension of the label strip and the closest detection possible of the label application zone.

Ease of adjustment and teaching

The adjustment buttons provide a very precise setting. A single press (either on the product or remotely) launches teaching at full passing speed of the labels.

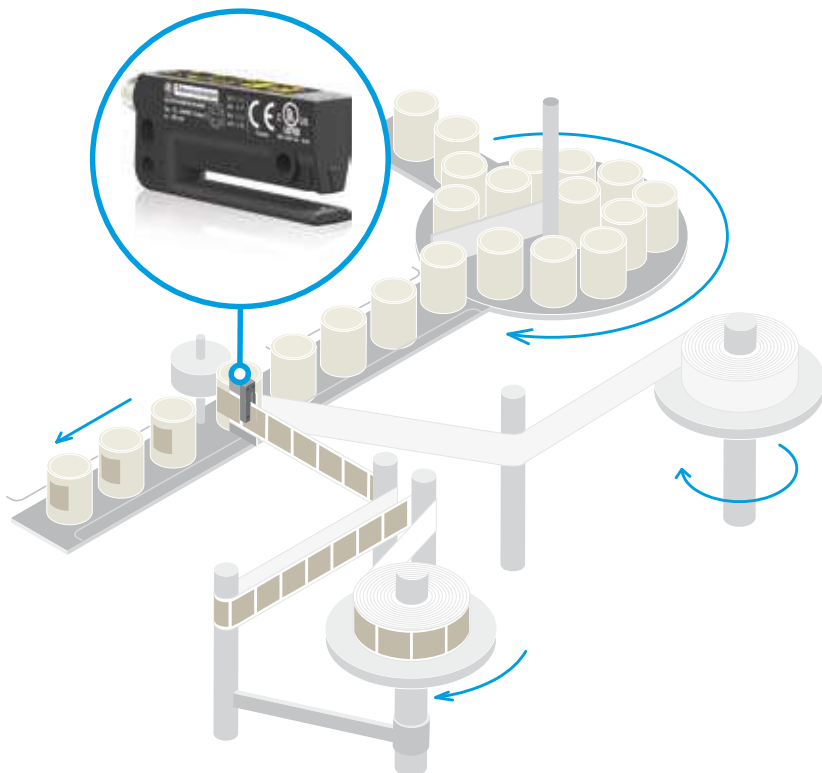
A yellow output LED and a red setting-up assistance LED simplify installation and maintenance.

This new fork also provides high performance detection and high accuracy up to speeds of 150 metres per minute.



Telemecanique

Sensors



Benefits

Compact for better integration

The OsiSense XUVE fork easily integrates in your machine due to its very slender heel (only 3 mm thick). It makes it easy to obtain better tension of the label strip and the closest detection possible of the label application zone.

Ease of adjustment and teaching

The adjustment buttons enable optimal fine tuning of the setting. A single press launches teaching at full passing speed of the labels. A yellow output LED and a red setting-up assistance LED simplify installation and maintenance.

High accuracy detection

With a 3 mm passageway, this fork has an accuracy of 50 µm at a speed of 150 metres per minute for labels 2 mm in size minimum.

Products to international standards

CE, UL, and CSA approval.



Characteristics

OsiSense XUVE photo-electric sensors

- Outputs:
 - PNP and NPN; NO/NC programmable
 - PNP or NPN; NO/NC programmable
- Supply: 24 V DC
- Breaking capacity: 100 mA
- Adjustment using 2 'Teach' buttons or external teach on PNP or NPN version
- Connection by M8, 4-pin connector
- Compact plastic case: 57 x 25 x 10 mm
- Label passageway: height 3mm x width 40 mm
- Degree of protection: IP65, double insulation
- Operating temperature: -20 to +60 °C.

References

OsiSense XUVE photo-electric sensors

Outputs: (1) Remote (external) teaching possible	PNP and NPN, NO/NC programmable XUVE04M3KSNM8	PNP, NO/NC programmable XUVE04M3PSNM8 (1)	NPN, NO/NC programmable XUVE04M3NSNM8 (1)
Accessories:	Pre-wired connector, 5m cable elbowed XZCP1041L5 straight XZCP0941L5		

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