



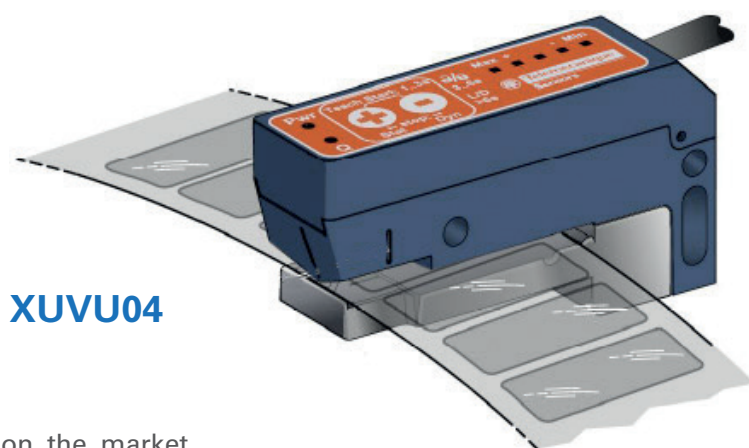
- Compact
- High Accuracy
- Innovative

Fits anywhere in your machines, Detects Everything!

Introducing the XUVU04 Ultrasonic Fork Sensor Family

For transparent & opaque label detection

Revolutionize packaging applications with the XUVU sensors designed to transform your labeling process with limited space!



XUVU04

■ Compact

The new **XUVU04** fork is the most compact on the market, ideal for tight spaces in machines. Its slim design allows edge installation, preventing material shifting and ensuring precise

■ Enhanced LED Visibility

XUVU04 sensor offers easy configuration, real-time data monitoring, and supports predictive maintenance.

■ Easy setup & monitoring

XUVU04 sensor provides excellent visibility with a bar graph for teach-in quality, intuitive display, and simple on-site monitoring, ensuring smooth operations.

■ High accuracy

With powerful ultrasonic technology, the **XUVU04** fork sensor detects reflective and transparent materials, reliably identifying labels even with gaps as small as 1 mm.

Features


Max. conveyor speed
during teach-in :
240m/min


Response Time: 440 μ s


Ultrasonic
Technology


IP65 protected
against water jet


CE
CE; UKCA;
cULus



Benefits

- Compact design that fits anywhere in your production line.
- Detects all labels, even most transparent ones.
- Easy system monitoring and optimization thanks to the smart HMI bar graph.
- Precise gap detection (down to 1mm) to ensure optimal label usage and avoid material waste.
- Reduce downtime and enhance operational efficiency with IO-LINK.

ULTRASONIC FORK SENSOR

Reference	Fork width	Fork depth	Switching output	Connection
XUVU04M3BM8	2.6 mm	42.5 mm	Push/Pull & IO-Link	Connector M8
XUVU04M3PM8	2.6 mm	42.5 mm	PNP & IO-Link	Connector M8
XUVU04M3NM8	2.6 mm	42.5 mm	NPN & IO-Link	Connector M8
XUVU04M3BL2	2.6 mm	42.5 mm	Push/Pull & IO-Link	Cable 2 m
XUVU04M3PL2	2.6 mm	42.5 mm	PNP & IO-Link	Cable 2 m
XUVU04M3NL2	2.6 mm	42.5 mm	NPN & IO-Link	Cable 2 m
XUVU04M3BL02M12	2.6 mm	42.5 mm	Push/Pull & IO-Link	Pigtail M12 (2 m)
XUVU04M3PL02M12	2.6 mm	42.5 mm	PNP & IO-Link	Pigtail M12 (2 m)
XUVU04M3NL02M12	2.6 mm	42.5 mm	NPN & IO-Link	Pigtail M12 (2 m)

For metal version for harsh environment, please check **XUVU06** range from [tesensors.com](https://www.tesensors.com)

Discover our complete range of sensors, visit us on www.tesensors.com

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