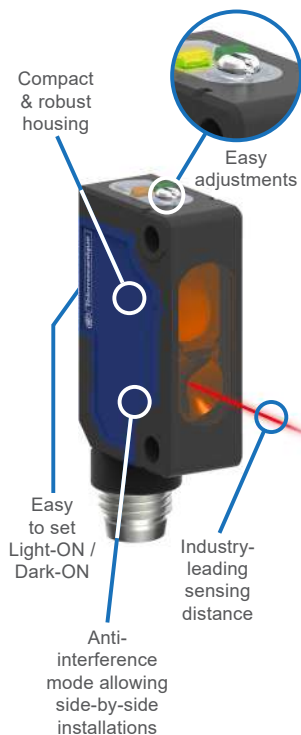




New miniature photoelectric sensors: Simply spot on!



Regardless of the detection target or the production line speed, XUM is the solution!

Telemecanique Sensors launches a new XUM offer on the market. It's here; the first step of a complete renewal of our optical photocell offer!

Increase your production rates

Even in strongly lit environments and at high speed, the XUM will detect targets as fast as every half millisecond. Coupled with an unmatched sensing distance, the XUM's anti-interference mode allows side-by-side installations for complete, rapid detection coverage over wide areas!

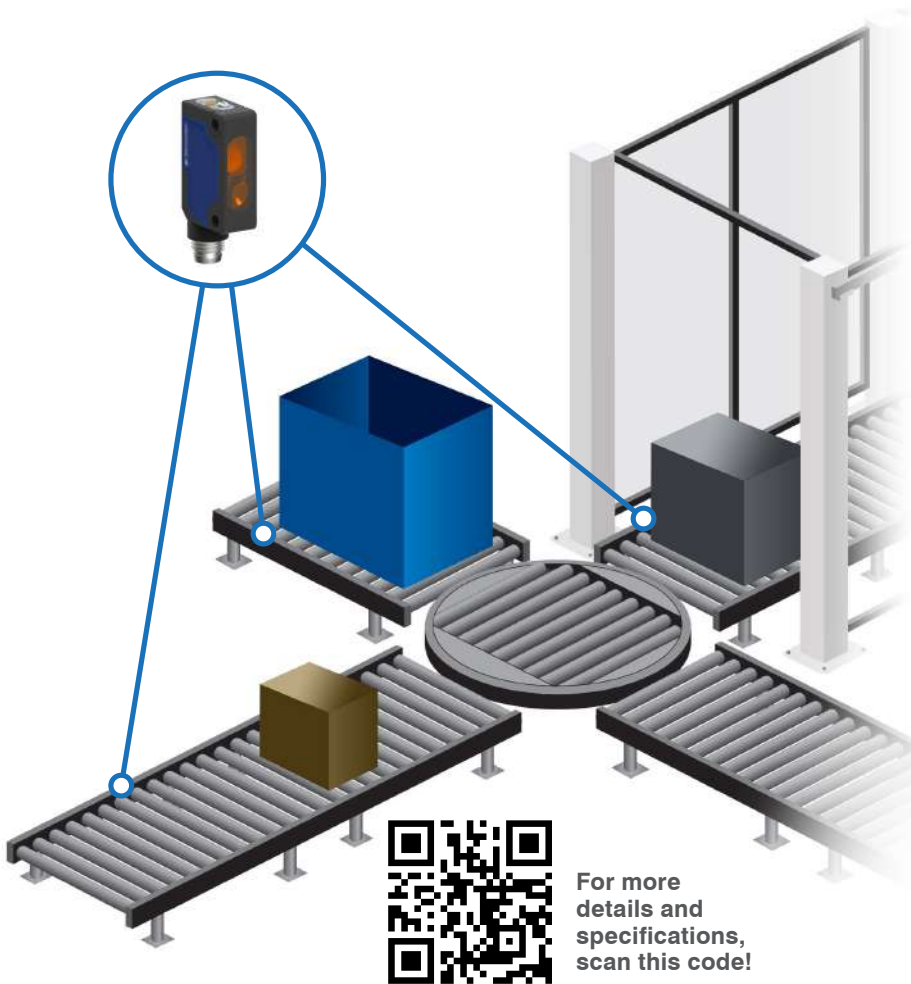
Simplify your machine integration

The XUM's miniature size and robust, anti-corrosive housing allows quick installation in compact spaces of even harsh industrial applications and EMC environments. Easily control sensing distance and output settings in all modes using a sensitive potentiometer.

"Simply easy!" product selection

Reduce inventory and cut stock management cost with a simpler, concentrated 6-version range that addresses virtually any photoelectric sensing application.

Simply easy!



For more details and specifications, scan this code!

Features and Benefits

Top level quality & performance

- Detects at distances up to an industry-leading 30m.
- Anti-interference mode allows side-by-side mounting of 2 sensors.
- Highly immune to bright environments, detecting even in 40k lux sunlight and 10k lux incandescent lamp light.
- Fast detection with a switching frequency at 1kHz and a response time at 0.5ms.

Simple integration

- 2 potentiometers to easily configure the sensing distance and output functions
- Miniature size (20mm x 34mm x 11mm) for installation in limited spaces
- Robust PBT plastic housing proven to be as robust as metallic insert bodies
- Highly resistant to water with IP65, IP67

Easy product selection

- 35% less product references compared to the market simplifies sensor selection and reduces stock management costs

Part Numbers⁽¹⁾

| Mode | Max. Sensing Distance | Output | Part Number 2m PVC cable | Part Number 4 pins M8 connector |
|--------------------------|--------------------------------|--------|--------------------------|---------------------------------|
| Thru-beam (sold by pair) | 30m / 98.4 ft. | PNP | XUM2APXBL2 | XUM2APXBM8 |
| | 8m / 26.2 ft. | PNP | XUM9APXBL2 | XUM9APXBM8 |
| Reflex (pol.) | 1.9m ⁽²⁾ / 6.2 ft. | PNP | XUM5APXBL2 | XUM5APXBM8 |
| | 1.1m / 3.6 ft. | PNP | XUM6APXBL2 | XUM6APXBM8 |
| Diffuse | 250mm / 9.8 in. ⁽²⁾ | PNP | XUM4APXBL2 | XUM4APXBM8 |
| | 300mm / 9.8 in. | PNP | XUM8APXBL2 | XUM8APXBM8 |
| BGS | | | | |

Reflectors



Connectors

| M8, 4 pins | | | | |
|---------------|-------------|------------|-------------|------------|
| Cable length | PVC | PUR | PVC | PUR |
| 2m / 6.56 ft. | XZCPV0941L2 | XZCP0941L2 | XZCPV1041L2 | XZCP1041L2 |
| 5m / 16.4 ft. | XZCPV0941L5 | XZCP0941L5 | XZCPV1041L5 | XZCP1041L5 |

⁽¹⁾For additional XUM photoelectric sensors and our complete selection of sensor solutions, visit www.tesensors.com ⁽²⁾Using infrared light

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