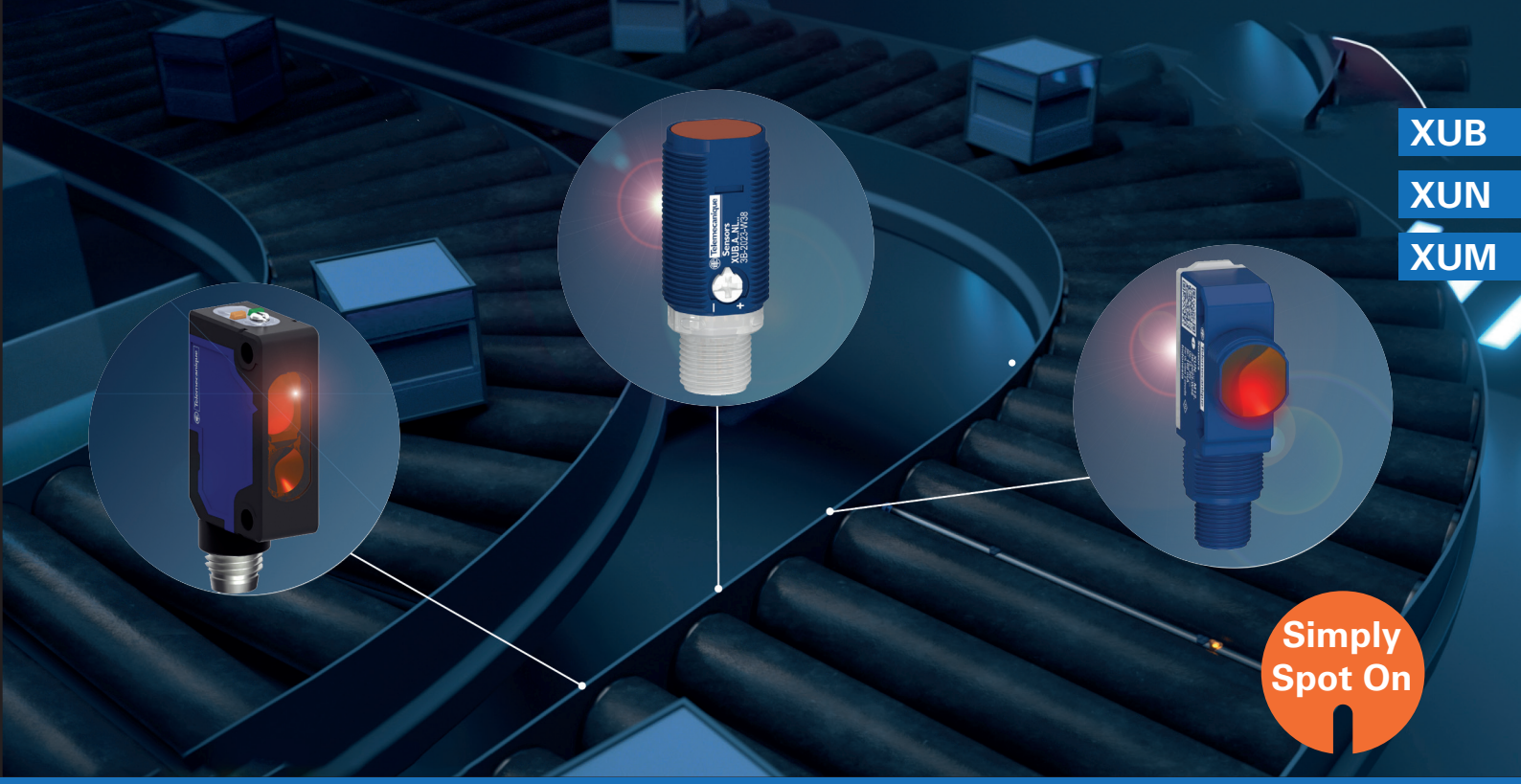


Upgrade your sensing : small is your new big

Taking detection to new heights with the new XUM/XUB/XUN



Telemecanique Sensors enriches its portfolio with the introduction of the new XUM-XUB-XUN sensors - compact sensors primed for outstanding detection performance!

IO-Link



Fully integrated into your machines

- **New miniature size** is purpose-built for tight production spaces. Offered in various formats, the installation process remains straightforward and significantly quicker.
- Rugged **anti-corrosive** or metal housing enables installation in confined spaces within challenging industrial settings and EMC environments.
- These **innovative sensors** boast a detection speed of **as fast as every half millisecond**, ensuring your production rate remains consistently at its peak.

Unmatched performance in compact form

- Despite their small size, these sensors offer an **unmatched sensing distance**, making them among the market's top-performing compact sensors.
- Ensure reliable detection through **anti-interference function**. Expand coverage by placing sensors side by side without mutual interference
- Even in well-lit environments, the sensor maintains optimal optical performance with remarkable **resistance to light pollution**.



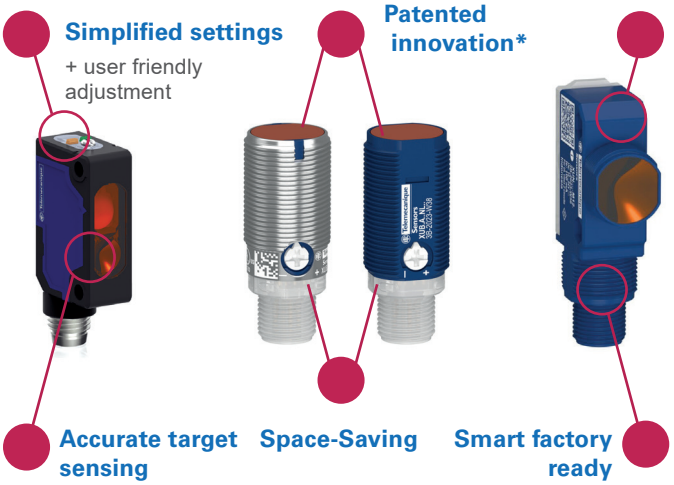
Embrace the Smart Factory Revolution

- **Effortless installation** and constant connectivity deliver real-time data through **IO-Link,** supercharging your operations and maintenance. And for sensor replacement, it's as simple as a plug-and-play, just like the previous one!
- Rapidly set up your photoelectric sensors with their **user-friendly connectivity**, reducing installation time by approximately 30%. Each sensor is individually customized, granting them autonomous functionality.

Simply easy!

tesensors.com

Telemecanique Sensors



Features

Top level quality & performance

- Industry-leading distance detection capabilities ranging from 0.3m to an impressive 30m, offering versatile sensing options for various applications.
- Anti-interference mode enabling seamless side-by-side mounting of two sensors, ensuring reliable and accurate detection in complex environments.
- Swift detection capabilities with a 1kHz switching frequency and an ultra-responsive 0.5ms response time, providing fast and precise object detection in dynamic settings.

Simply Spot On

*Small reflector placed on "thru beam" sensors, reaching up to 30m, enabling the user to align the sensors in less than 4 minutes (compared to 15 minutes previously). This reduces installation time by a factor of 3!

Miniature sensors part numbers (1)



Mode	Max. Sensing Distance	Part Number 2m PVC cable	Part Number M12 connector	Part number IO-Link
Thru-beam (sold by pair)	30m / 98.4 ft.	XUM2APXBL2	XUM2APXBM8	XUM2APYBM8
Reflex (pol.)	8m / 26.2 ft.	XUM9APXBL2	XUM9APXBM8	XUM9APYBM8
Diffuse (long version) 2)	1.9m(2) / 6.2 ft.	XUM5APXBL2	XUM5APXBM8	XUM5APYBM8
BGS (background suppression)	300mm / 9.8 in.	XUM8APXBL2	XUM8APXBM8	XUM8APYBM8

IO-Link version in Q4 2024

Cylindrical (3) sensors part numbers (1)






Mode	Max. Sensing Distance	Part Number 2m PVC cable	Part Number M12 connector	Part number IO-Link
Thru-beam Axial	30m / 98.4 ft.	XUB2APXNL2	XUB2APXNM12	XUB2APYNM12
Thru-beam Angled	17m / 55,77 ft.	XUB2APXWL2	XUB2APXNM12	XUB2APYWM12
Reflex (pol.) Axial	7m / 26.2 ft.	XUB9APXNL2	XUB9APXNM12	XUB9APYNM12
Reflex (pol.) Radial	5.5m / 18,04 ft.	XUB9APXWL2	XUB9APXWM12	XUB9APYWM12
Diffuse Axial	1.1m / 6.2 ft.	XUB5APXBL2	XUM5APXNM12	XUM5APYNM12
Diffuse Angled	0.7m / 2,29 ft.	XUB6APXWL2	XUB6APXWM12	XUB6APYWM12
BGS	300mm / 9.8 in.	XUB8APXBL2	XUB8APXNM12	XUB8APYNM12

Hybrid sensors part numbers (1)



Mode	Max. Sensing Distance	Part Number 2m PVC cable	Part Number M12 connector	Part number IO-Link
Thru-beam	30m / 98.4 ft.	XUN2APXNL2	XUN2APXNM12	XUB2APYNM12
Reflex (pol.) Axial	7m / 26.2 ft.	XUN9APXNL2	XUN9APXNM12	XUN9APYNM12
Diffuse Axial	1m / 6.2 ft.	XUN5APXBL2	XUN5APXNM12	XUN5APYNM12
BGS	300mm / 9.8 in.	XUN8APXBL2	XUN8APXNM12	XUN8APYNM12

XUN: Available in Q3 2024

(1) For additional XU photoelectric sensors and our complete selection of sensor solutions, **visit www.tesensors.com**
(2) Using infrared light
(3) Only Plastic versions in this table. For Metal versions replace A letter in the reference by B. Example XUB5APXBL2 become XUB5BPXBL2.

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

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