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COLTERLEC™
YAGEO GROUP Brings you
Telemecanique
Sensors
100TH
ANNIVERSARY
Covering all your SENSOR requirements
Did you miss it?
New Products
Built into tomorrow

Photoelectric Sensors

General Purpose

Telemecanique Sensors XU range offers a full line of photoelectric proximity sensors dedicated to material handling, packaging, labelling, assembly, lift & escalators and food and beverage industries.

This range offers many functionalities such as Diffuse mode, Background Suppression (BGS), polarized reflex, laser reflex and through-beam, available in the 3 most popular formats worldwide.

XUB cylindrical plastic body

XUB cylindrical metal body

XUM miniature plastic body

XUM-XUB-XUN sensors - compact sensors primed for outstanding detection performance!

XUB

XUN

XUM

XUB angled cylindrical plastic body

XUN Hybrid plastic body

TOP LEVEL QUALITY & PERFORMANCE

- Three housing formats: miniature, cylindrical in plastic or metal and hybrid.
- Distance detection from 0.3m to an industry-leading 30m.
- Anti-interference mode allows side-by-side mounting of two 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 0.5ms at 1kHz and a response time at 0.5ms

Applicative Offer

Introducing 5 new photoelectric sensor technologies suitable for packaging machinery

XUK
XUM
XUN

Miniature applicative sensors, such as the Telemecanique Sensors XUM, XUK, and XUT series, are designed to optimise performance, size, and connectivity within PACKAGING MACHINERY. These sensors offer solutions for a variety of detection challenges. Miniature Subminiature

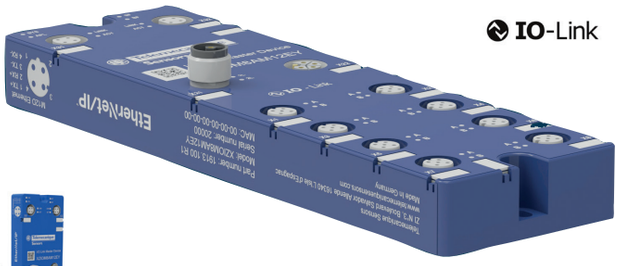
XUK

XUM

XUT

IO-Link Master

XZIO
XZCR



A full offer

Easy to Install

The Daisy Chain option for power and communication simplifies installation, leading to 25 to 30% cost savings on cables.
Effortless installation with Plug & Play Sensors.

Easy to Integrate

Save up to 2 weeks of time and effort in integration through our data function blocks for top PLCs.
Easy cloud connection with integrated OPC UA

Easy to Use

Multiple configurations tools:
Standalone software & web configurator.
Download and install the right IODD file in a single click
Integrated IODD finder.

Limit Switches for mobile equipment, material handling & lifts

XCMH

Durable, high performance, and flexible switches for general use applications

XCMH provdes IP66 and IP67 protection, monobloc lateral cable and epanded offering as axial output.

Industry standard certifications

The XCMH Limit Switch comes with a range of significant certifications, including the CE standard with EN6060947-5-1, UL 508, CSA C22-2 n° 14 and CCC.

Global availability and support

Like all Telemecanique Sensors products, the range of XCMH Limit Switches can be purchased worldwide and is backed by a global network of equally accessible technical support.

Worldclass products with worldclass support close to your operation!

XCMH : Robust, Waterproof and Easy to Install

Safety Miniature RFID

Protect operators and prevent hazardous situations with a RFID designed for monitoring movable safety guards in applications such as robotic work cells, electronic manufacturing machines, packaging machines, and general assembly lines.

Personnel protection is always our top priority

Integrated Diagnostics

Improved LED visibility

Reduced response time

IP69K & Ecolab

Miniature Inductive sensors

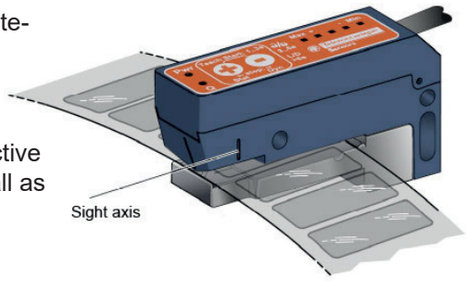
Compact Power, Precise Control

Perfect for electronics and material working applications, these compact miniature sensors offer high performance (up to 5000 Hz, 1.5mm sensing distance) and robust IP67-rated stainless steel construction.

XUVU04 Ultrasonic Fork Sensor

■ 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 label placement.



■ 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.

■ Enhanced LED Visibility

Smart and connected: Featuring IO-Link technology, the XUVU04 sensor offers easy configuration, real-time data monitoring, and supports predictive maintenance.
Easy setup & monitoring: The XUVU04 sensor provides excellent visibility with a bar graph for teach-in quality, intuitive display, and simple on-site monitoring, ensuring smooth operations.

Visit us at our upcoming exhibitions and discover the latest innovations —check our website for details on where to find us

TMSS France

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