

XUK

XUM



XUK
color sensors

Best fit &
color mode

- ▶ Compact
- ▶ Robust
- ▶ Easy settings



Color sensor - A masterpiece in capturing nature's every hue

Introducing XUK & XUM color sensors

The ultimate solution for your color detection needs and to minimize installation space

Revolutionizing packaging applications with color mode and best fit mode

In an era where packaging aesthetics are paramount, the color sensor introduces two groundbreaking modes

Color mode:



Cosmetics companies that emphasize color uniformity in their packaging can leverage this mode to **scan and inspect** the precise shades of product packaging. This meticulous **inspection** ensures that every product adheres to the desired color standards, contributing to a cohesive and visually appealing product lineup.

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Best fit mode:

E-commerce warehouses dealing with a diverse range of products can leverage this mode to **quickly sort** items without the need for manual intervention. This results in a more efficient and automated warehouse operation, **reducing the time** and resources required for sorting.

Save time and money with quick and seamless integration into existing applications, thanks to the miniature housing.

Enjoy an **extended sensing distance** ranging from 18 mm up to 150 mm. Achieve accurate and uniform detection across the entire object by **scanning multiple points**, using both static and dynamic teach-in methods.

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Benefit from **intelligent diagnostics**, visualization and quick job format.

Easy change, and remote configuration, all made possible by the integrated IO-Link functions.

Experience improved detection, higher sensing distance tolerances, and uniform RGB detection.

Enjoy a better user experience and enhanced ease of use with the intuitive teach-in method.

Take your operations to the next level with miniature and compact format color sensors - precision, reliability, and efficiency combined!

Simply easy!

tesensors.com



Telemecanique
Sensors

XUK & XUM color sensor are the solution for small spaces, allowing to minimize costs!



Benefits

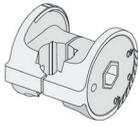
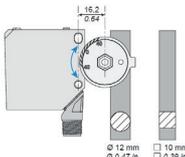
- Achieve accurate and uniform detection across the entire object by scanning multiple points, using both static and dynamic teach-in methods.
- Benefit from intelligent diagnostics, visualization, quick job format change, and remote configuration, all made possible by the integrated IO-Link functions.
- Save time and money with quick and seamless integration into existing applications, thanks to the miniature housing.

Features

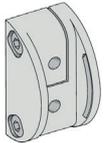
- Stable color detection, regardless of distance
- Determine the colour of the target object
- Detect objects with different shapes and surface characteristics
- Different sensing distance from 18 to 150 mm
- Possibility to choose between IO-Link or standard mode
- IP67, IP69K and ECOLAB
- Compact format with metal body material
- Response time from 50 to 180 μ s
- Switching frequencies between 3 Hz to 3 KHz



Color sensors – White light

	Nominal sensing distance	Switching frequency	Degree of protection	Connector type	Part number IO-Link	
	60 mm / 0.59 in.	3 kHz	IP67 / IP69K	M12 connector	XUKCBSAYM12	
	150 mm / 0.59 in.	3 kHz	IP67 / IP69K	M12 connector	XUKCBLAYM12	
						
						
						
				M12, 5 pins		
						
				Cable length	Jumper	5 wires
	2 m / 0.59 in.			XZCRB151151C2	XZCPB1151L2	
	5 m / 0.59 in.			XZCRB151151C5	XZCPB1151L5	

Color sensors – RGB light

	Nominal sensing distance	Switching frequency	Degree of protection	Connector type	Part number IO-Link		
	12 mm / 0.59 in.	2.5 kHz	IP67 / IP69K	M8 connector	XUMRACAYM8		
							
							
							
				M8, 4 pins			
							
				Cable length	Jumper M8-M8	Jumper M12-M12	4 wires
	2 m / 0.59 in.			XZCPB1141L2	XZCR2711037T1	XZCR2705037R1	
	5 m / 0.59 in.			XZCPB1141L5	XZCR2711037T2	XZCR2705037R2	

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