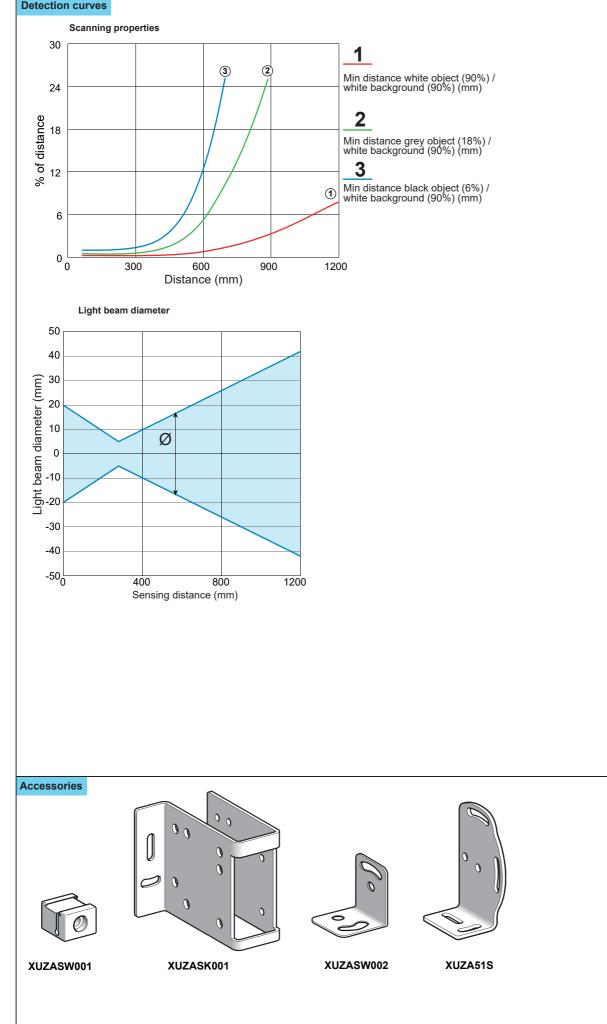


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Telemecanique Sensors

## XUK8ABPXM12 (50 x 23 x 50)





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## XUK8ABPXM12 (50 x 23 x 50)

Setting	
	GN   YE     OFF   ON     GN: Green   Object     YE: Yellow   Object
	Scanning distance setting Turn potentiometer at the minimum value Position object / align sensor to object.
	Set the object point Turn potentiometer clockwise until green LED ON & yellow LED ON (NO) / OFF (NC)
	Set the background point Remove the object Turn potentiometer clockwise until green LED ON & yellow LED ON (NO) / OFF (NC)
	Final setting Turn potentiometer anti-clockwise between the object point and the background point until green LED ON & yellow LED OFF (NO) / ON (NC)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	B NO/NC Setting Setting via control input IN (PIN 2) + = NC - = NO Open = NO

## Characteristics

Certification		CE - UKCA - cULus - Ecolab
Sensing distance	White	31200 mm / 0.1247.2 in
	Grey	5750 mm / 0.229.5 in
	Black	10600 mm / 0.3923.6 in
Sensing distance setting		Potentiometer
Color of detection light beam		LED, blue, 450 nm - Risk group 2 according to EN62471
Spot size of the light beam		See light beam diameter curve
Output type		PNP (NO or NC)
Current consumption		≤ 30 mA
Switching capacity		≤ 100 mA
Switching frequency		≤ 600 Hz
First-up delay		< 300 ms
Response time		830 µs max.
Recovery time		300 ms max.
Ambient Temperature	Operating	- 20+60 °C (-4+140 °F) - UL: max. +45 °C / 113°F
Storage		- 20+80 °C (-4+176 °F)
Power Voltage		Rated operational voltage: 1224 Vdc
		Operating range: 1030 Vdc (including ripple p-p 10% maximum)
Product Protection		Power supply : Reverse polarity protection Output: Short circuit protection
Protection against electric shocks		Protection class II
Degree of protection		IP67 conforming to IEC 60529, IP69K conforming to DIN 40050-9
Vibration resistance		Conforming to EN 60947-5-2
Shock resistance		Conforming to EN 60947-5-2
Permitted cable length		100 m / <i>328.1 ft</i>
Material		Housing: ABS/PC, Lens: PMMA
Factory Setting		Scanning distance = 500 mm (6%) and NO

Risk group 2

EYE INJURY DUE TO HAZARDOUS OPTICAL RADIATION
Do not stare at the beam.
Avoid any eye contact with the beam.
Failure to follow these instructions can result in injury or
equipment damage.

CE



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