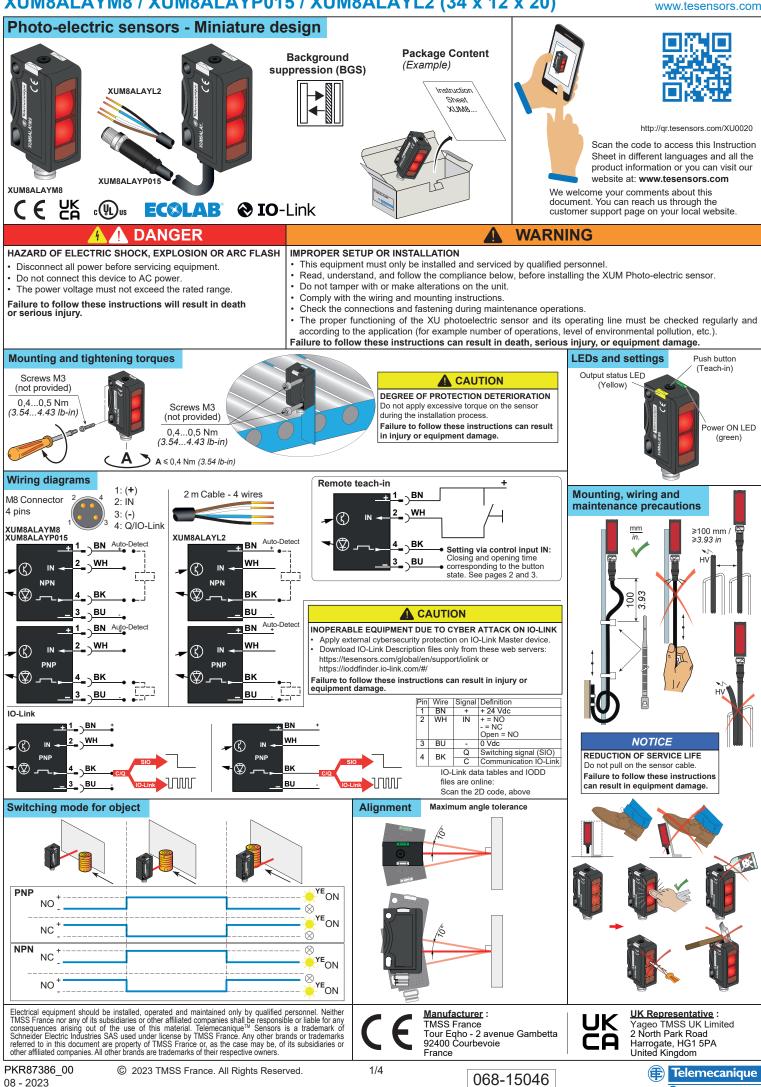
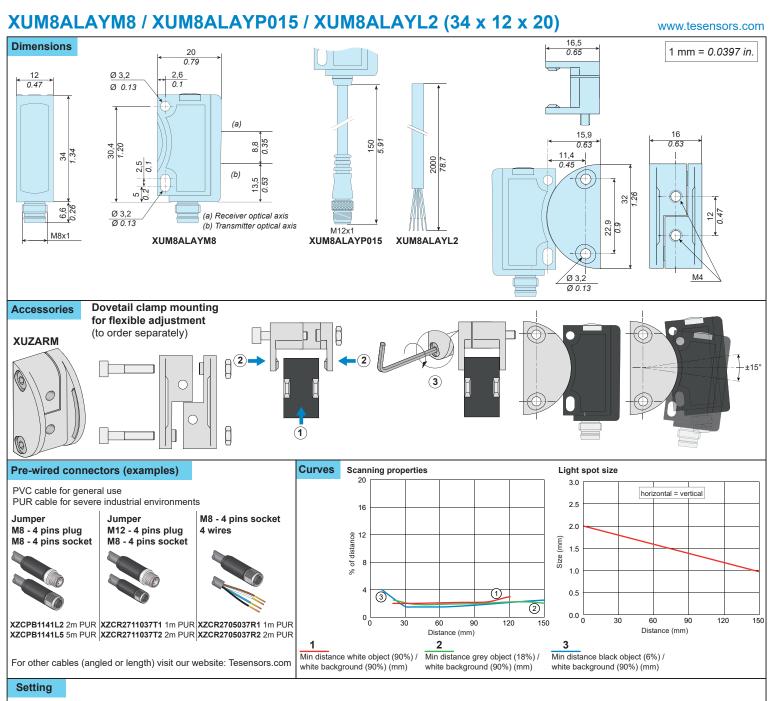
XUM8ALAYM8 / XUM8ALAYP015 / XUM8ALAYL2 (34 x 12 x 20)



Sensors



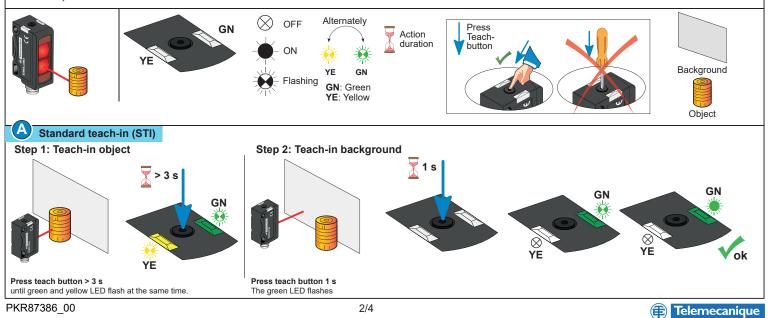
The sensor has 3 different Teach-in modes.

A-Standard Teach-in (STI): is suited for nearly all applications. Setting is made on object and background (see illustration A). B-Object-Object Teach-in (OTI): is suited for applications where the background cannot be taught in. Setting is made 2x on the object (see illustration B). C-Dynamic Teach-in (DTI): is suited for setting the sensor in the running process, particularly for small objects (see illustration C)

The sensor has 3 different Switching NO/NC settings:

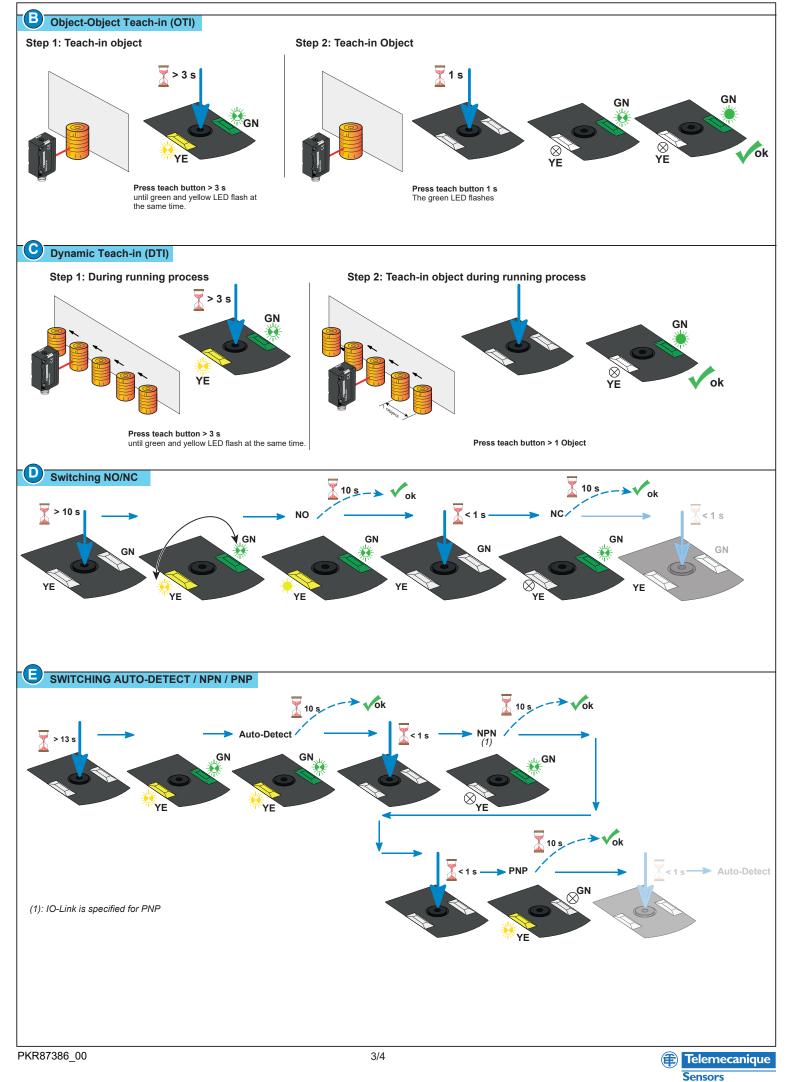
1: NO/NC via teach-in in series

2: Sensor always NC 3: Sensor always NO

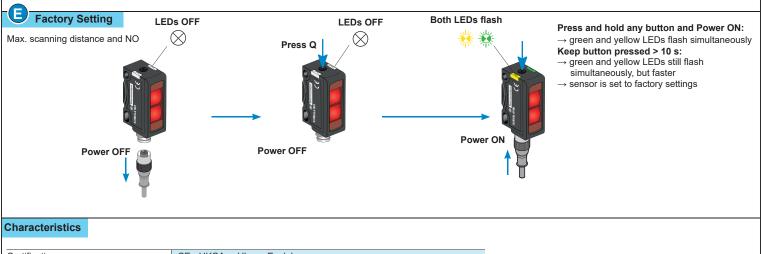


Sensors

XUM8ALAYM8 / XUM8ALAYP015 / XUM8ALAYL2 (34 x 12 x 20)



XUM8ALAYM8 / XUM8ALAYP015 / XUM8ALAYL2 (34 x 12 x 20)



Certification	CE - UKCA - cULus - Ecolab	
Sensing distance	4150 mm / 0.165.91 in.	
Adjustment range	12150 mm / 0.475.91 in. (Reference material: white, 90 % reflectivity)	
Setting	Teach button	
Color of detection light beam	Laser class 1, red, 650 nm	
Wavelength	$\lambda = 650 \text{ nm}$	
Puls duration	t = 3.75 µs	
Frequency	f = 4.5 kHz	
Limit of radiant power pulse	Pp ≤ 2,5 mW	
Light spot size	See spot size curve	
Switching output Q	Auto-Detect - PNP/NPN (NO or NC) - IO-LINK	
Control input IN (switching function Q):	(+) = Teach-in (-) = → button locked Open = normal function	
Current consumption	≤ 30 mA	
Switching capacity	≤ 100 mA	
Switching frequency	≤ 1000 Hz	
First-up delay	< 300 ms	
Response time	≤ 500 µs	
Recovery time	< 300 ms	
Ambient Temperature	Operating : - 20+60 °C (-4+140 °F) - UL : - 20+50 °C (-4+122 °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	
Material	Housing: ABS, Front and Lens: PMMA	

*	Class 1
	(IEC 60825-1)

