To efficiently detect objects of various colours in diffuse mode, the conveyor must be ignored and only the object detected. OsiSense™ XUK8 photo-electric sensors meet these criteria. They operate in diffuse detection mode and are insensitive to the background. The compactness of the product, AC/DC version with relay output, and its long sensing distance of 0.75m make it easily adaptable to the majority of industrial conveyor systems. A single press on the "Teach" button simplifies adjustment of the sensing distance. The accuracy of this adjustment is less than 5% white/black variation at 0.4 m.

This OsiSense XUK8 photo-electric sensor features an adjustable time delay (monostable, on-delay or off-delay), thus enabling it to be used on its own in an application.
Due to the constant evolution of standards and equipment, the specifications indicated in the text and images of this document can only be guaranteed after confirmation by our departments.