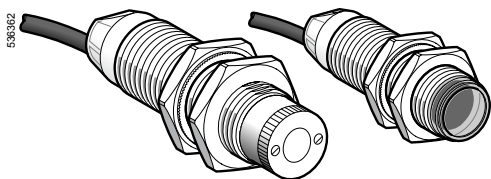


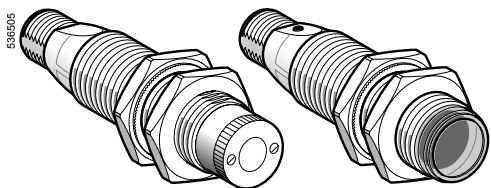
# Photo-electric sensors

OsiSense XU Application, material handling series

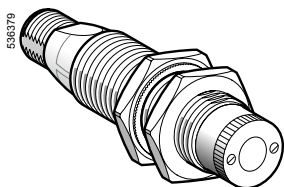
Laser transmission. Design 18, plastic or metal  
Three-wire DC. Solid-state output



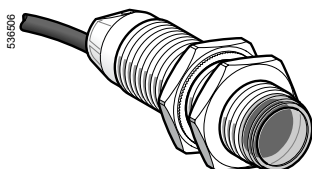
XUBL●●CNL2



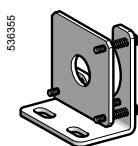
XUBL●●CNM12



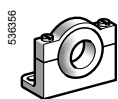
XUBL●●CNM12T



XUBL●●CNL2R



XUZA318



XUZA218



XUZA118

## Ø 18, plastic, thru-beam system with teach mode, laser transmission (Transmitter + receiver)

Sensing distance (Sn) m	Function	Connection	Output	Reference	Weight kg
0...100	NO or NC, by programming	Pre-cabled	PNP	XUBLAPCNL2	0.180
			NPN	XUBLANCNL2	0.180
		M12 connector	PNP	XUBLAPCNM12	0.078
			NPN	XUBLANCNM12	0.078

## Ø 18, metal, thru-beam system with teach mode, laser transmission (Transmitter + receiver)

Sensing distance (Sn) m	Function	Connection	Output	Reference	Weight kg
0...100	NO or NC, by programming	Pre-cabled	PNP	XUBLBPCNL2	0.230
			NPN	XUBLBNCNL2	0.230
		M12 connector	PNP	XUBLBPCNM12	0.130
			NPN	XUBLBNCNM12	0.130

## Separate components

### Ø 18 transmitter

Description	Connection	Output	For use with	Reference	Weight kg
Plastic	Pre-cabled	-	XUBLA●●CNL2	XUBLAKCNL2T	0.090
	M12 connector	-	XUBLA●●CNM12	XUBLAKCNM12T	0.040
Metal	Pre-cabled	-	XUBLB●●CNL2	XUBLBKCNL2T	0.110
	M12 connector	-	XUBLB●●CNM12	XUBLBKCNM12T	0.060

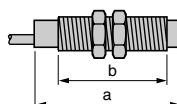
### Ø 18 receiver

Description	Connection	Output	For use with	Reference	Weight kg
Plastic	Pre-cabled	PNP	XUBLAPCNL2	XUBLAPCNL2R	0.090
		NPN	XUBLANCNL2	XUBLANCNL2R	0.090
	M12 connector	PNP	XUBLAPCNM12	XUBLAPCNM12R	0.040
		NPN	XUBLANCNM12	XUBLANCNM12R	0.040
Metal	Pre-cabled	PNP	XUBLBPCNL2	XUBLBPCNL2R	0.120
		NPN	XUBLBNCNM12	XUBLBNCNL2R	0.120
	M12 connector	PNP	XUBLBPCNM12	XUBLBPCNM12R	0.070
		NPN	XUBLBNCNM12	XUBLBNCNM12R	0.070

## Fixing accessories for XUBL● (1)

Description	Reference	Weight kg
Precision fixing bracket with micrometric adjustment	XUZA318	0.170
Plastic fixing bracket with adjustable ball-joint	XUZA218	0.035
Stainless steel fixing bracket	XUZA118	0.045

## Dimensions



	Pre-cabled (mm)		Connector (mm)	
	a	b	a	b
Receiver (2)	62	44	76	44
Transmitter (3)	52	28	66	28

(1) For further information, see page 162

(2) Yellow, green and red LED on receiver

(3) Green LED on transmitter

**Note:** fixing nut tightening torque: < 4 Nm