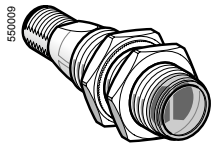


# Photo-electric sensors

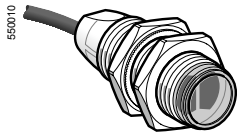
OsiSense XU, single mode function

Design 18, plastic

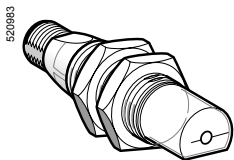
Three-wire DC, solid-state output



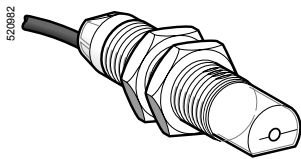
XUB●A●●NM12



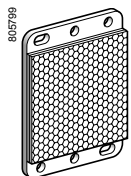
XUB●A●●NL2



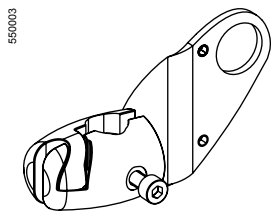
XUB●A●●WM12



XUB●A●●WL2



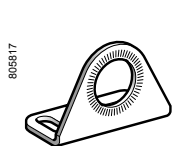
XUZC50



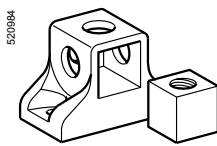
XUZB2003



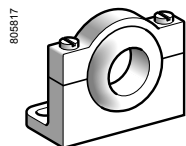
XUZ2001



XUZA118



XUZ2003



XUZA218

## Connector

Sensing distance (Sn) m	Function	Output	Line of sight	Reference	Weight kg
<b>Diffuse system</b>					
0.1	NO	PNP	Along case axis	XUB4APANM12	0.040
			90° to case axis	XUB4APAWM12	0.040
	NPN	PNP	Along case axis	XUB4ANANM12	0.040
			90° to case axis	XUB4ANAWM12	0.040
	NC	PNP	Along case axis	XUB4APBNM12	0.040
			90° to case axis	XUB4APBWM12	0.040
NPN	PNP	Along case axis	XUB4ANBNM12	0.040	
		90° to case axis	XUB4ANBWM12	0.040	

## Diffuse system with adjustable sensitivity

0.6	NO	PNP	Along case axis	XUB5APANM12	0.045
			90° to case axis	XUB5APAWM12	0.050
	NPN	PNP	Along case axis	XUB5ANANM12	0.045
			90° to case axis	XUB5ANAWM12	0.050
	NC	PNP	Along case axis	XUB5APBNM12	0.045
			90° to case axis	XUB5APBWM12	0.050
NPN	PNP	Along case axis	XUB5ANBNM12	0.045	
		90° to case axis	XUB5ANBWM12	0.050	

## Polarised reflex system

2	NO	PNP	Along case axis	XUB9APANM12	0.040
			90° to case axis	XUB9APAWM12	0.040
	NPN	PNP	Along case axis	XUB9ANANM12	0.040
			90° to case axis	XUB9ANAWM12	0.040
	NC	PNP	Along case axis	XUB9APBNM12	0.040
			90° to case axis	XUB9APBWM12	0.040
NPN	PNP	Along case axis	XUB9ANBNM12	0.040	
		90° to case axis	XUB9ANBWM12	0.040	

Reflector 50 x 50 mm	-	-	-	XUZC50	0.020
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## Reflex system

4	NO	PNP	Along case axis	XUB1APANM12	0.040
			90° to case axis	XUB1APAWM12	0.040
	NPN	PNP	Along case axis	XUB1ANANM12	0.040
			90° to case axis	XUB1ANAWM12	0.040
	NC	PNP	Along case axis	XUB1APBNM12	0.040
			90° to case axis	XUB1APBWM12	0.040
NPN	PNP	Along case axis	XUB1ANBNM12	0.040	
		90° to case axis	XUB1ANBWM12	0.040	

Reflector 50 x 50 mm	-	-	-	XUZC50	0.020
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## Thru-beam system

Transmitter 15	-	-	Along case axis	XUB2AKSNM12T	0.040
	-	-	90° to case axis	XUB2AKSWM12T	0.040
Receiver 15	NO	PNP	Along case axis	XUB2APANM12R	0.040
			90° to case axis	XUB2APAWM12R	0.040
	NPN	PNP	Along case axis	XUB2ANANM12R	0.040
			90° to case axis	XUB2ANAWM12R	0.040
	NC	PNP	Along case axis	XUB2APBNM12R	0.040
			90° to case axis	XUB2APBWM12R	0.040
NPN	PNP	Along case axis	XUB2ANBNM12R	0.040	
		90° to case axis	XUB2ANBWM12R	0.040	

## Fixing accessories (1)

Description	Reference	Weight kg
3D fixing kit for use on M12 rod, for XUB or XUZC50	XUZB2003	0.170
M12 rod	XUZ2001	0.050
Support for M12 rod	XUZ2003	0.150
Stainless steel fixing bracket	XUZA118	0.045
Plastic fixing bracket with adjustable ball-joint	XUZA218	0.035

## Pre-cabled

For a pre-cabled sensor, replace **M12** by **L2** for a 2 m long cable, or by **L5** for a 5 m long cable. Example: XUB1APANM12 becomes XUB1APANL2 for a 2 m long cable and XUB1APANL5 for a 5 m long cable.

For availability, please consult our Customer Care Centre.

(1) For further information, see page 164.