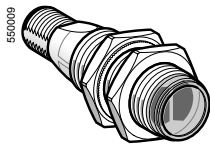


# Photo-electric sensors

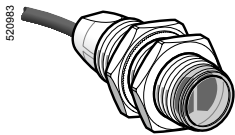
OsiSense XU, single mode function

Design 18, metal

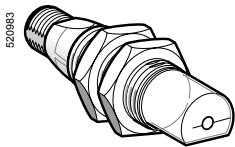
Three-wire DC, solid-state output



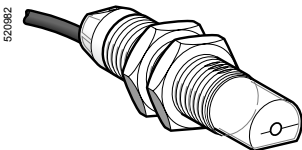
XUB●B●●NM12



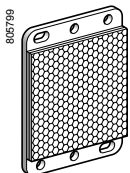
XUB●B●●NL2



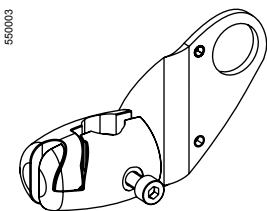
XUB●B●●WM12



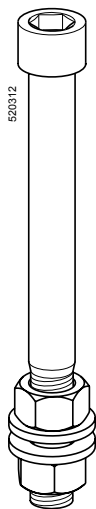
XUB●B●●WL2



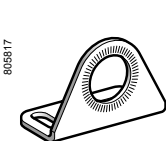
XUZC50



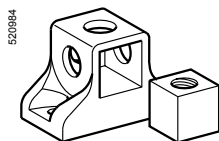
XUZB2003



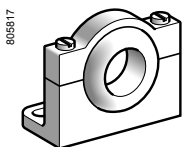
XUZ2001



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	XUB4BPANM12	0.050
			90° to case axis	XUB4BPAWM12	0.050
	NPN	PNP	Along case axis	XUB4BNANM12	0.050
			90° to case axis	XUB4BNAWM12	0.050
	NC	PNP	Along case axis	XUB4BPBWM12	0.050
			90° to case axis	XUB4BNBWM12	0.050
NPN	PNP	Along case axis	XUB4BNBNM12	0.050	
		90° to case axis	XUB4BNBWM12	0.050	

### Diffuse system with adjustable sensitivity

0.6	NO	PNP	Along case axis	XUB5BPANM12	0.055
			90° to case axis	XUB5BPAWM12	0.060
	NPN	PNP	Along case axis	XUB5BNANM12	0.055
			90° to case axis	XUB5BNAWM12	0.060
	NC	PNP	Along case axis	XUB5BPBWM12	0.055
			90° to case axis	XUB5BPNBWM12	0.060
NPN	PNP	Along case axis	XUB5BNBNM12	0.055	
		90° to case axis	XUB5BNBWM12	0.060	

### Polarised reflex system

2	NO	PNP	Along case axis	XUB9BPANM12	0.050
			90° to case axis	XUB9BPAWM12	0.050
	NPN	PNP	Along case axis	XUB9BNANM12	0.050
			90° to case axis	XUB9BNAWM12	0.050
	NC	PNP	Along case axis	XUB9BPBWM12	0.050
			90° to case axis	XUB9BPNBWM12	0.050
NPN	PNP	Along case axis	XUB9BNBNM12	0.050	
		90° to case axis	XUB9BNBWM12	0.050	

<b>Reflector</b> 50 x 50 mm	–	–	–	XUZC50	0.020
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### Reflex system

4	NO	PNP	Along case axis	XUB1BPANM12	0.050
			90° to case axis	XUB1BPAWM12	0.050
	NPN	PNP	Along case axis	XUB1BNANM12	0.050
			90° to case axis	XUB1BNAWM12	0.050
	NC	PNP	Along case axis	XUB1BPBWM12	0.050
			90° to case axis	XUB1BPNBWM12	0.050
NPN	PNP	Along case axis	XUB1BNBNM12	0.050	
		90° to case axis	XUB1BNBWM12	0.050	

<b>Reflector</b> 50 x 50 mm	–	–	–	XUZC50	0.020
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### Thru-beam system

<b>Transmitter</b> 15	–	–	Along case axis	XUB2BKSNM12T	0.050
			90° to case axis	XUB2BKSWM12T	0.050
<b>Receiver</b> 15	NO	PNP	Along case axis	XUB2BPANM12R	0.050
			90° to case axis	XUB2BPAWM12R	0.050
	NPN	PNP	Along case axis	XUB2BNANM12R	0.050
			90° to case axis	XUB2BNAWM12R	0.050
	NC	PNP	Along case axis	XUB2BPBWM12R	0.050
			90° to case axis	XUB2BPNBWM12R	0.050
NPN	PNP	Along case axis	XUB2BNBNM12R	0.050	
		90° to case axis	XUB2BNBWM12R	0.050	

### Fixing accessories (1)

Description	Reference	Weight kg
<b>3D fixing kit</b> for use on M12 rod, for XUB or XUZC50	XUZB2003	0.170
<b>M12 rod</b>	XUZ2001	0.050
<b>Support for M12 rod</b>	XUZ2003	0.150
<b>Stainless steel fixing bracket</b>	XUZA118	0.045
<b>Plastic fixing bracket</b> 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: XUB1BPANM12 becomes XUB1BPANL2 for a 2 m long cable and XUB1BPANL5 for a 5 m long cable.

For availability, please consult our Customer Care Centre.

(1) For further information, see page 164.