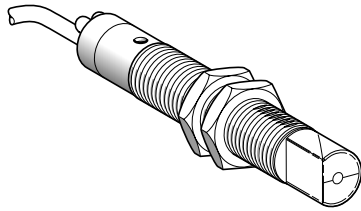


Photo-electric sensors

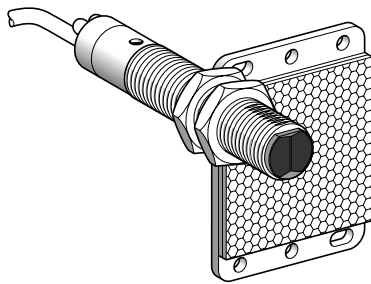
OsiSense XU Application

Design 18

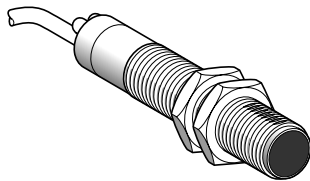
Two-wire AC ⁽¹⁾ or DC, solid-state output with adjustable sensitivity



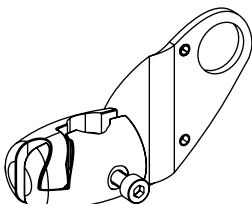
XU5M18M●230W
XU8M18M●230W



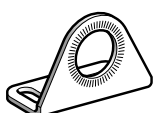
XU9M18M●230



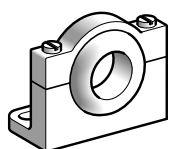
XU2M18M●230



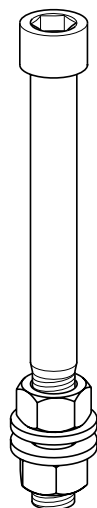
XUZB2003



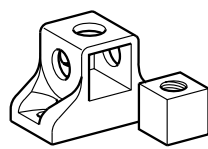
XUZA118



XUZA218



XUZ2001



XUZ2003

Diffuse system with adjustable background suppression

Sensing distance (Sn) m	Function	Line of sight	Connection	Reference	Weight kg
0.12	NO	Along case axis	Pre-cabled (L = 2 m) (2)	XU8M18MA230	0.150
			1/2"-20UNF	XU8M18MA230K	0.075
		90° to case axis	Pre-cabled (L = 2 m) (2)	XU8M18MA230W	0.150
	NC	Along case axis	Pre-cabled (L = 2 m) (2)	XU8M18MB230	0.150
			1/2"-20UNF	XU8M18MB230K	0.075
		90° to case axis	Pre-cabled (L = 2 m) (2)	XU8M18MB230W	0.150
			1/2"-20UNF	XU8M18MB230WK	0.075

Diffuse system

Sensing distance (Sn) m	Function	Line of sight	Connection	Reference	Weight kg
0.40	NO	Along case axis	Pre-cabled (L = 2 m) (2)	XU5M18MA230	0.150
			1/2"-20UNF	XU5M18MA230K	0.075
		90° to case axis	Pre-cabled (L = 2 m) (2)	XU5M18MA230W	0.150
	NC	Along case axis	Pre-cabled (L = 2 m) (2)	XU5M18MB230	0.150
			1/2"-20UNF	XU5M18MB230K	0.075
		90° to case axis	Pre-cabled (L = 2 m) (2)	XU5M18MB230W	0.150
			1/2"-20UNF	XU5M18MB230WK	0.075

Polarised reflex system ⁽³⁾

Sensing distance (Sn) m	Function	Line of sight	Connection	Reference	Weight kg
2	NO	Along case axis	Pre-cabled (L = 2 m) (2)	XU9M18MA230	0.170
			1/2"-20UNF	XU9M18MA230K	0.090
		90° to case axis	Pre-cabled (L = 2 m) (2)	XU9M18MA230W	0.170
	NC	Along case axis	Pre-cabled (L = 2 m) (2)	XU9M18MB230	0.170
			1/2"-20UNF	XU9M18MB230K	0.095
		90° to case axis	Pre-cabled (L = 2 m) (2)	XU9M18MB230W	0.170
			1/2"-20UNF	XU9M18MB230WK	0.090

Thru-beam system ⁽⁴⁾

Sensing distance (Sn) m	Function	Line of sight	Connection	Reference	Weight kg
15	NO	Along case axis	Pre-cabled (L = 2 m) (2)	XU2M18MA230	0.285
			1/2"-20UNF	XU2M18MA230K	0.155
		90° to case axis	Pre-cabled (L = 2 m) (2)	XU2M18MA230W	0.285
	NC	Along case axis	Pre-cabled (L = 2 m) (2)	XU2M18MA230WK	0.155
			1/2"-20UNF	XU2M18MA230WK	0.155
		90° to case axis	Pre-cabled (L = 2 m) (2)	XU2M18MB230	0.285
			1/2"-20UNF	XU2M18MB230K	0.155
			Pre-cabled (L = 2 m) (2)	XU2M18MB230W	0.285
			1/2"-20UNF	XU2M18MB230WK	0.155

Fixing accessories ⁽⁵⁾

Description	Reference	Weight kg
3D fixing kit for use on M12 rod, for XU●M18 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

(1) These sensors do not incorporate overload or short-circuit protection and therefore, it is essential to connect a 0.4 A "quick-blow" fuse in series with the load.

(2) For a 5 m long cable add L5.

Example: XU2M18MA230 becomes XU2M18MA230L5.

(3) 50 x 50 mm reflector XUZC50 included with polarised reflex system.

(4) Comprising both thru-beam transmitter and receiver.

(5) For further information, see page 164.