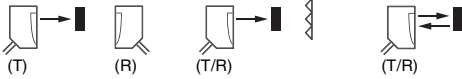


Osiris Photoelectric Sensors _ Standard

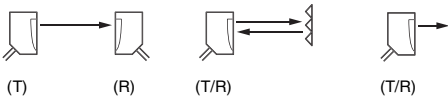
Detection with object present NO Output ON / object present

Thru-beam Polarized Retroreflective Diffuse



Detection with no object present NC Output ON / no object present

Thru-beam Polarized Retroreflective Diffuse



XUB

XUB

XUM

Maximum Sensing Distance	Diffuse	2' / 60 cm	2' / 60 cm	1.3' / 40 cm
	Polarized Reflex ■	6.5' / 2 m	6.5' / 2 m	6.5' / 2 m
	Reflex ■	13' / 4 m	13' / 4 m	13' / 4 m
	Thru-Beam ▲	49' / 15 m	49' / 15 m	26' / 8 m
Mounting (mm)		M18 x 1	M18 x 1	direct: (Mounting holes 25.5) with M3 screws
Enclosure M (metal) P (plastic) / Dimensions (mm) Ø x L or H x W x L		P / M18 x 46	M / M18 x 46	P / 12 x 34 x 27
Alignment LED's ✦		-	-	-
Common Characteristics		Temperature range - 13 to 131 °F (- 25...+ 55 °C)		

Sensors for DC applications --- (solid state output: transistor)

Connection:			2 meter cable	M12 connector	2 meter cable	M12 connector	2 meter cable	M12 connector
Transmitter			XUB2AKSNL2T	XUB2AKSNM12T	XUB2BKSNL2T	XUB2BKSNM12T	XUM2AKSNL2T	XUM2AKSNM8T
Receiver or T/R, 3-wire PNP (1)	Diffuse adjustable	NO	XUB5APANL2	XUB5APANM12	XUB5BPANL2	XUB5BPANM12	XUM5APANL2	XUM5APANM8
		NC	XUB5APBNL2	XUB5APBNM12	XUB5BPNL2	XUB5BPNM12	XUM5APBNL2	XUM5APBNM8
	Polarized retroreflective	NO	XUB9APANL2	XUB9APANM12	XUB9BPANL2	XUB9BPANM12	XUM9APANL2	XUM9APANM8
		NC	XUB9APBNL2	XUB9APBNM12	XUB9BPNL2	XUB9BPNM12	XUM9APBNL2	XUM9APBNM8
	Retroreflective	NO	XUB1APANL2	XUB1APANM12	XUB1BPANL2	XUB1BPANM12	XUM1APANL2	XUM1APANM8
		NC	XUB1APBNL2	XUB1APBNM12	XUB1BPNL2	XUB1BPNM12	XUM1APBNL2	XUM1APBNM8
	Thru-beam	NO	XUB2APANL2R	XUB2APANM12R	XUB2BPANL2R	XUB2BPANM12R	XUM2APANL2R	XUM2APANM8R
		NC	XUB2APBNL2R	XUB2APBNM12R	XUB2BPNL2R	XUB2BPNM12R	XUM2APBNL2R	XUM2APBNM8R
	Supply voltage limits min/max (V) including ripple		10...36	10...36	10...36	10...36	10...30	10...30
	Switching Frequency (Hz)		500	500	500	500	500	500
	Common characteristics for dc versions		Switching capacity, max (mA): 100					

(1) For versions with NPN output, replace the "P" in the above references with an "N".

Sensors for AC or DC applications ~ / --- 10...36 Vdc / 20...264 Vac including ripple on dc relay output, 3 A

Connection			-	-	-	-	-	-
Transmitter			-	-	-	-	-	-
Receiver or T/R	Diffuse	NO + NC	-	-	-	-	-	-
	Polarized retro	NO + NC	-	-	-	-	-	-
	Retro	NO + NC	-	-	-	-	-	-
	Thru-beam	NO + NC	-	-	-	-	-	-
Switching frequency (Hz)		-	-	-	-	-	-	
LED Output state indication (★) / power on LED (★)		-	-	-	-	-	-	



90° head

All the above Osiris Design 18 sensors are available with integral 90° head. Replace the "N" with a "W". Example: For pre-cabled versions: XUB1APANL2 becomes XUB1APAWL2. For versions with connector: XUB1APANM12 becomes XUB1APAWM12.

Accessories

Reflectors	(mm)	
	Ø 16	XUZC16
	Ø 21	XUZC21
	24 x 21	XUZC24
	Ø 31	XUZC31
	Ø 39	XUZC39
	Ø 80	XUZC80
	50 x 50	XUZC50

- Reflector sold separately
- ▲ Emitter and receiver are sold individually

Mounting Brackets		
		Stainless Steel
		Plastic
For		
XUB...	XUZA118	XUZA218
XUM...	XUZA50	-
XUK...	XUZA51	-
XUX...	XUZX2000	-

Mounting Devices		
Bracket with ball joint for sensors and reflector XUZC50		
For		
XUB...	XUZB2003	
XUM...	XUZM2003	
XUK...	XUZK2003	
XUX...	XUZX2003	