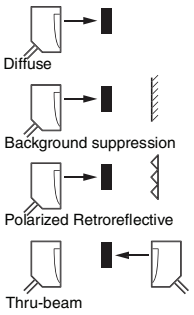
Osiris *Photoelectric Sensors*



Osiconcept®
Offering simplicity through innovation

A single product that automatically adapts to all environments.

Programmable NO / NC
NO: object present = output ON
NC: no object present = output ON





		XUB	XUB
		Design 18 plastic	**Design 18 metal**
Max. Sensing Distance	Diffuse	11.8" / 30 cm	11.8" / 30 cm
	Background Sup.	4.7" / 12 cm	4.7" / 12 cm
	Rolarized Retro ■	6.5' / 2 m	6.5' / 2 m
	Thru-Beam ▲	49.2' / 15 m	49.2' / 15 m
Mounting		M18 x 1	M18 x 1
Enclosure M (metal) P (plastic) / Dimensions (mm) Ø x L or H x W x L		P / M18 x 64	M / M18 x 64
Common Characteristics		Adjustable sensing distance: **teach mode**	
Sensors for DC applications ⎓ (solid state output: transistor)			
Connection: pre-cabled, PvR (2 m)			
T / R 3-wire	PNP programmable NO / NC	**XUB0APSNL2**	**XUB0BPSNL2**
	NPN programmable NO / NC	**XUB0ANSNL2**	**XUB0BNSNL2**
	PNP / NPN programmable NO / NC	–	–
Connection: M12 connector (M8 for XUM) Snap-C compatible		on M12 only	
T / R 3-wire	PNP programmable NO / NC	**XUB0APSNM12**	**XUB0BPSNM12**
	NPN programmable NO / NC	**XUB0ANSNM12**	**XUB0BNSNM12**
	PNP / NPN programmable NO / NC	–	–
Connection: Screw clamp terminals			
T / R 3-wire	PNP / NPN programmable NO / NC	–	–
Switching Capacity (mA) main output / alarm output		100 / –	100 / –
Common Characteristics		Supply voltage limits min/max (V) including ripple: 10...36	
Thru-beam accessory	pre-cabled (2 m)	**XUB0AKSNL2T**	**XUB0BKSNL2T**
	connector	**XUB0AKSNM12T**	**XUB0BKSNM12T**
	screw terminals, M16 cable gland	–	–
Sensors for AC or DC applications ∿ / ⎓ 10...36 Vdc / 20...264 Vac including ripple on dc relay output, 3 A			
Connection: pre-cabled, PvR (2 m)			
T / R	programmable NO / NC with time delay	–	
Connection: Screw clamp terminals			
T / R	programmable NO / NC with time delay	–	
LED Output state indication (✱) / power on LED (★)			
Switching frequency (Hz)		–	
Time delay(s)		–	
Thru-beam accessory	pre-cabled, PvR (2 m)	–	
	screw terminals, M16 cable gland	–	

Also available in 18 mm 2-wire ac/dc version. Please see the Sensors Specification Guide 9006CT0101



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: XUB1APA**N**L2 becomes XUB1APA**W**L2.
For versions with connector: XUB1APA**N**M12 becomes XUB1APA**W**M12.

Accessories

Reflectors



XUZC24



XUZC80



XUZC50

(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** (stnls. steel)	**XUZA218** (plastic)
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**

© 2003 Schneider Electric All Rights Reserved