

## Food/beverage processing series



Stainless steel version for resistance to harsh agents

Application	Stainless steel version for resistance to harsh agents		
System	Retroreflective polarized	Background suppression	Thru-beam
<b>Sensing distance</b>	<b>0.4 to 11 m</b> (1)	<b>0.03 to 0.55 m</b>	<b>0 to 15 m</b>
Mounting (mm)	2 x Ø 4.3 holes		
Case M (metal)	M (stainless steel 316L)		
Temperature range / Degree of protection (conforming to IEC 60529)	-4 to +140 °F (-20 to +60 °C) / +212 °F (+100 °C) for cleaning and sterilization phase while not in service / IP67, IP69K		
Product certification	CE, Ecolab		
Dimensions H x W x D: mm (in.)	50 x 50 x 23 (1.97 x 1.97 x 0.91)		

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

Connection	M12 connector – 4 pin		
Transmitter / Receiver 4-wire PNP	<b>XUK9SPSMM12</b>	<b>XUK8SPSMM12</b>	<b>XUK2SKSMM12T</b> (transmitter) <b>XUK2SPSMM12R</b> (receiver)
Supply voltage limits, min./max. (V) including ripple	10 to 30		
Switching capacity, max. (mA) / Switching frequency (Hz)	100 / 600	100 / 400	100 / 500



Stainless steel version for resistance to harsh agents

System	Multimode (3)	Retroreflective polarized 50x50 mm reflector included (2)	Diffuse (2)	Thru-beam (2)
<b>Sensing distance</b>	(4)	<b>3 / 2 m</b>	<b>0.15 / 0.10 m</b>	<b>20 / 15 m</b>
Mounting (mm)	M18 x 1	M18 x 1	M18 x 1	M18 x 1
Case M (metal)	M (stainless steel)	M (stainless steel)	M (stainless steel)	M (stainless steel)
Temperature range (°C) / Degree of protection (conforming to IEC 60529)	-13 to +131 °F (-25 to +55 °C) / IP67			
Product certification	CE, UL, CSA, C-TICK			
Dimensions Ø x L: mm (in.)	Ø 18 x 64 (2.52)	Ø 18 x 62 (2.44)	Ø 18 x 62 (2.44)	Ø 18 x 64 (2.52)

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

Connection	Precabled, PvR (2 m)				
Transmitter / Receiver 3-wire PNP	programmable NO / NC	<b>XUB0SPSNL2</b>	<b>XU9N18PP341</b>	<b>XU5N18PP341</b>	<b>XU2N18PP341</b>
	programmable NO / NC	<b>XUB0SNSNL2</b>	<b>XU9N18NP341</b>	<b>XU5N18NP341</b>	<b>XU2N18NP341</b>
Connection 3-wire PNP	programmable NO / NC	<b>XUB0SPSNM12</b>	<b>XU9N18PP341D</b>	<b>XU5N18PP341D</b>	<b>XU2N18PP341D</b>
	programmable NO / NC	<b>XUB0SNSNM12</b>	<b>XU9N18NP341D</b>	<b>XU5N18NP341D</b>	<b>XU2N18NP341D</b>
Thru-beam transmitter accessory	precabled (2 m)	<b>XUB0SKSNL2T</b>	–	–	–
	connector	<b>XUB0SKSNM12T</b>	–	–	–
Supply voltage limits, min./max. (V) including ripple	10 to 36		10 to 30	10 to 30	
Switching capacity, max. (mA) / Switching frequency (Hz)	100 / 250		100 / 500	100 / 500	

### Accessories

Prewired connectors		Ecolab reflector 50x50 (5)		Stainless steel mounting bracket	
5 m	Elbowed <b>XZCPA1241L5</b>	Straight <b>XZCPA1141L5</b>	<b>XUZC50CR</b>	<b>XUZA118</b> (for M18)	<b>XUZA51S</b> (for compact)

(1) With reflector XUZC100 to be ordered separately.

(2) Also available with 90° head. To order, add the letter **W** after the numbers 341 in the catalog number. Example: XU9N18PP341 becomes XU9N18PP341**W** or XU9N18PP341**DW**.

(3) Also available with 90° head. To order, replace the 8<sup>th</sup> digit **N** with **W**. Example: XUB0SPSNL2 becomes XUB0SPSWL2.

(4) Background suppression: **0.12 m** – Diffuse: **0.3 m** – Polarized Retroreflective: **3 m** – Thru-beam: **20 m**.

(5) Sensing distance for XUK9S: 3 m with XUZC50CR or 6 m with XUZC50.