

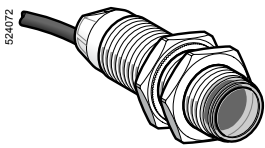
# Photo-electric sensors

OsiSense XU Application, packaging series

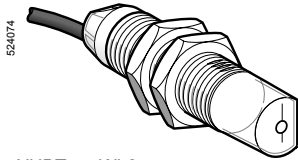
For detection of transparent materials

Design 18, plastic or stainless steel

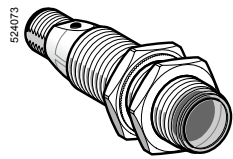
Three-wire DC, solid-state output



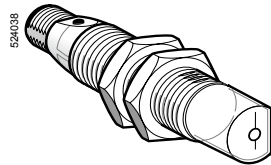
XUBT●●●NL2



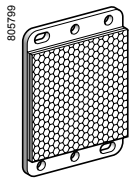
XUBT●●●WL2



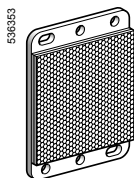
XUBT●●●NM12



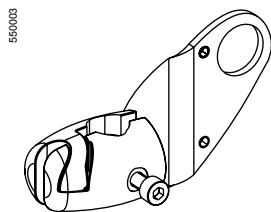
XUBT●●●WM12



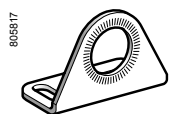
XUZC50



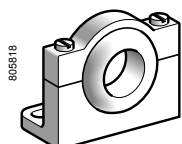
XUZC50HP



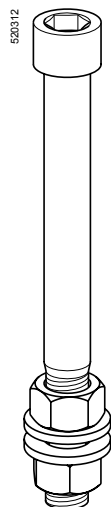
XUZB2003



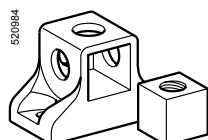
XUZA118



XUZA218



XUZ2001



XUZ2003

## Ø 18 plastic, coaxial polarised reflex with teach mode

Sensing distance (Sn) m	Function	Line of sight	Output	Reference	Weight kg
<b>Pre-cabled (2)</b>					
0...1.4 With reflector XUZC50/C50HP	NO or NC, by programming	Along case axis	PNP	<b>XUBTAPSNL2 (1)</b>	0.110
			NPN	<b>XUBTANSNL2 (1)</b>	0.110
0...0.8 With reflector XUZC50/C50HP	NO or NC, by programming	90° to case axis	PNP	<b>XUBTAPSWL2 (1)</b>	0.113
			NPN	<b>XUBTANSWL2 (1)</b>	0.113
<b>M12 connector</b>					
0...1.4 With reflector XUZC50/C50HP	NO or NC, by programming	Along case axis	PNP	<b>XUBTAPSNM12 (1)</b>	0.045
			NPN	<b>XUBTANSNM12 (1)</b>	0.045
0...0.8 With reflector XUZC50/C50HP	NO or NC, by programming	90° to case axis	PNP	<b>XUBTAPSWM12 (1)</b>	0.048
			NPN	<b>XUBTANSWM12 (1)</b>	0.048

## Ø 18 stainless steel, coaxial polarised reflex with teach mode

Sensing distance (Sn) m	Function	Line of sight	Output	Reference	Weight kg
<b>Pre-cabled (2)</b>					
0...1.4 With reflector XUZC50/C50HP	NO or NC, by programming	Along case axis	PNP	<b>XUBTSPSNL2 (1)</b>	0.135
			NPN	<b>XUBTSNSNL2 (1)</b>	0.135
0...0.8 With reflector XUZC50/C50HP	NO or NC, by programming	90° to case axis	PNP	<b>XUBTSPSWL2 (1)</b>	0.138
			NPN	<b>XUBTSNSWL2 (1)</b>	0.138
<b>M12 connector</b>					
0...1.4 With reflector XUZC50/C50HP	NO or NC, by programming	Along case axis	PNP	<b>XUBTSPSNM12 (1)</b>	0.070
			NPN	<b>XUBTSNSNM12 (1)</b>	0.070
0...0.8 With reflector XUZC50/C50HP	NO or NC, by programming	90° to case axis	PNP	<b>XUBTSPSWM12 (1)</b>	0.073
			NPN	<b>XUBTNSWM12 (1)</b>	0.073

## Ø 18 plastic, reflex with teach mode

Sensing distance (Sn) m	Function	Line of sight	Output	Reference	Weight kg
<b>Pre-cabled (2)</b>					
0.1...0.8 With reflector XUZC50	NO or NC, by programming	Along case axis	PNP	<b>XUBT1PSNL2</b>	0.103
			NPN	<b>XUBT1NSNL2</b>	0.103
<b>M12 connector</b>					
0.1...0.8 With reflector XUZC50	NO or NC, by programming	Along case axis	PNP	<b>XUBT1PSNM12</b>	0.045
			NPN	<b>XUBT1NSNM12</b>	0.045

## Accessories for XUBT●●●●● (3)

Description	Dimensions	Reference	Weight kg
Universal reflector	50 x 50 mm	<b>XUZC50</b>	0.020
Application reflector (accuracy, detection sensitivity)	50 x 50 mm	<b>XUZC50HP</b>	0.020

## Fixing accessories (4)

Description	Reference	Weight kg
3D fixing kit for use on M12 rod, for XUBT or XUZC50/C50HP	<b>XUZB2003</b>	0.170
M12 rod	<b>XUZ2001</b>	0.050
Support for M12 rod	<b>XUZ2003</b>	0.150
Stainless steel fixing bracket	<b>XUZA118</b>	0.045
Plastic fixing bracket with adjustable ball-joint	<b>XUZA218</b>	0.035

(1) Application reflector **XUZC50HP** included with sensor.

(2) For a 5 m long cable, replace L2 by L5.

Example: **XUBTAPSNL2** becomes **XUBTAPSNL5**.

(3) For further information, see page 162.

(4) For further information, see page 164.