

# Photo-electric sensors

XU range Application, material handling series  
 “Time of flight” technology.

Distance measurement. Background suppression.



XUK8TAE1MM12



XUK8TAE2MM12



XUK8TAKSMM12



XUK8TAKDMM12



XUZASK004



XUZASK001



XUZASW002



XUZA51S



XZCPV11V12L●



XZCPV12V12L●

## Laser transmission distance measurement sensors

Sensing distance (Sn): 0.1...5 m (white 90%), 3 m (black 6%)

Connection	Analog output type	Switching output type	Reference	Weight kg
M12, 5-pin connector	0...10 V	1 x auto-detect PNP/NPN or IO-Link	XUK8TAE1MM12	0.055
	4...20 mA	1 x auto-detect PNP/NPN or IO-Link	XUK8TAE2MM12	0.055

## Laser transmission distance measurement sensors with background suppression

Sensing distance (Sn): 0...5 m (white 90%), 3 m (black 6%)

Connection	Switching output type	Reference	Weight kg
M12, 4-pin connector	1 x auto-detect PNP/NPN or IO-Link	XUK8TAKSMM12	0.055
M12, 5-pin connector	2 x auto-detect PNP/NPN or IO-Link	XUK8TAKDMM12	0.055

## Mounting accessories

Description	Reference	Weight kg
<b>Precision bracket</b> with precise micrometric adjustment and locking by 3 screws in order to align the beam	XUZASK004	0.240
<b>Protective fixing bracket for the sensor</b> 304 stainless steel, supplied with screws	XUZASK001	0.130
<b>Fixing bracket</b> 316 stainless steel	XUZA51S	0.050
<b>Simple metal fixing bracket</b>	XUZASW002	0.017

## Cabling accessories

Description	Type	Cable length	Reference	Weight	
		m		kg	
M12 female connectors, 5-pin, PVC cable	Straight	2	XZCPV11V12L2	0.090	
		5		XZCPV11V12L5	0.201
		10		XZCPV11V12L10	0.360
	Elbowed	2	XZCPV12V12L2	0.090	
		5		XZCPV12V12L5	0.201
		10		XZCPV12V12L10	0.360