References, characteristics

Photo-electric sensors

Osiris® Application, mechanical handling series With adjustable background suppression Mechanical display of adjustment d.c. supply. Solid-state output

Compact design





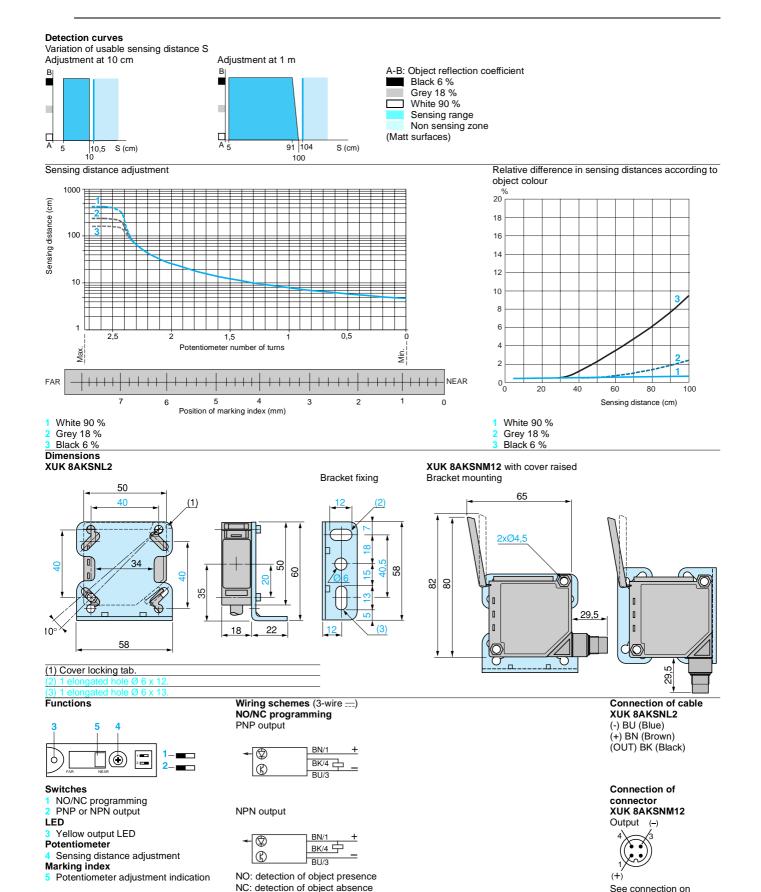
System	Diffuse syster	fuse system with adjustable background suppression, long sensing distance with high accuracy				
Type of transmission	Infrared					
Nominal sensing distance (Sn)	1 m					
References						
3-wire, Programmable PNP or NPN, NO or NC programmable function	XUK 8AKSNL2			XUK 8AKSNM12		
Weight (kg)	0.190			0.070		
Characteristics	,					
Product certifications	C€, UL, CSA	C€, UL, CSA				
Ambient air temperature	Operation: - 25+55 °C. Storage: -30+70 °C					
Vibration resistance	7 gn (f = 1055 Hz) conforming to IEC 60068-2-6					
Shock resistance	10 gn, duration 11 ms conforming to IEC 60068-2-27					
Degree of protection	IP 65 conforming to IEC 60529 (IP 30 with open cover). NEMA 4X indoor use, 12 and 13 double insulation					
Materials	Case: PC, lens	Case: PC, lenses: PMMA; cable: PVC				
Connection (1)	Pre-cabled, dia 5 x 0.34 mm ²	Pre-cabled, diameter 6 mm, length 2 m, wire c.s.a.: 5 x 0.34 mm ²		M12 male connector, 4-pin, 2-position (suitable extension cables and female connectors, see page 30210/2)		
Rated supply voltage	== 1224 with protection against reverse polarity					
Voltage limits	1030 V (including ripple)					
Switching capacity (sealed)	≤ 100 mA with overload and short-circuit protection					
Voltage drop, closed state	≤ 1.5 V					
Current consumption, no-load	35 mA					
Maximum switching frequency	250 Hz					
Delays	First-up: ≤ 80 ms; response: ≤ 2 ms; recovery: ≤ 2 ms					
Function table	Function Diffuse system					
State of output (PNP or NPN) and yellow LED (on for the sensor conducting state)		No object in beam Object in beam				
	NO		\otimes		*	
	NC	-	**	٦/٢	\otimes	

⁽¹⁾ For a 5 m long cable, replace L2 with L10.

Curves, dimensions, schemes

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page 30210/2.