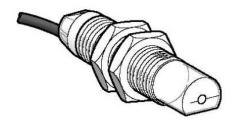
Product data sheet Characteristics

XUB0ANSWL2

photo-electric sensor - XUB - multi - 90° - Sn 0..7m - 12..24VDC - cable 2m



Main

IVIAIII	
Range of product	OsiSense XU
Series name	General purpose multimode
Electronic sensor type	Photo-electric sensor
Sensor name	XUB
Sensor design	Cylindrical M18
Detection system	Multimode
[Sd] sensing range	> 020 m depending of accessory used
Material	Plastic
Line of sight type	90° lateral
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	2 m
Product specific application	-
Emission	Red polarised reflex Infrared thru beam Infrared diffuse with background suppression Infrared diffuse

0.2 m diffuse

7 m thru beam need a transmitter XUB0AKSWL2T

1.5 m polarised reflex need reflector XUZC50

0.11 m diffuse with background suppression

Complementary

Complementary		
Enclosure material	PBT	
Lens material	PMMA	
Maximum sensing distance	10 m thru beam 0.3 m diffuse 0.11 m diffuse with background suppression 2 m polarised reflex	
Output type	Solid state	
Add on output	Without	
Wire insulation material	PvR	
Status LED	1 LED (yellow) for output state 1 LED (red) for instability 1 LED (green) for supply	
[Us] rated supply voltage	1224 V DC with reverse polarity protection	
Supply voltage limits	1036 V DC	
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)	
Switching frequency	<= 250 Hz	
Voltage drop	1.5 V (closed state)	
Current consumption	35 mA (no-load)	
Delay first up	< 200 ms	
Delay response	< 2 ms	
Delay recovery	< 2 ms	
Setting-up	Self-teaching	
Diameter	18 mm	

[Sn] nominal sensing

distance

Length	78 mm	
Product weight	0.1 kg	

Environment

CE CSA UL	
-2555 °C	
-4070 °C	
7 gn, amplitude = +/- 1.5 mm (f = 1055 Hz) conforming to IEC 60068-2-6	
30 gn (duration = 11 ms) conforming to IEC 60068-2-27	
IP67 double insulation conforming to IEC 60529 IP65 double insulation conforming to IEC 60529	

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0847 - Schneider Electric declaration of conformity download declaration of conformity
Product environmental profile	Available Download Product Environmental
Product end of life instruction	Available Download End Of Life Manual

