XUB4ANBNM12



Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUB
Sensor design	Cylindrical M18
Detection system	Diffuse
Material	Plastic
Line of sight type	Axial
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NC
Electrical connection	1 male connector M12, 4 pins
Product specific application	-
Emission	Infrared diffuse
[Sn] nominal sensing distance	0.33 ft (0.1 m) diffuse

Complementary

Enclosure material	PBT	
Lens material	PMMA	
Maximum sensing distance	0.49 ft (0.15 m) diffuse	
Output type	Solid state	
Add on output	Without	
Wire insulation material	PvR	
Status LED	1 LED (yellow) output state	
[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	<= 500 Hz	
Voltage drop	1.5 V (closed state)	
Current consumption	35 mA (no-load)	
Delay first up	< 15 ms	
Delay response	< 1 ms	
Delay recovery	< 1 ms	
Setting-up	Without sensitivity adjustment	
Diameter	0.71 in (18 mm)	
Length	2.44 in (62 mm)	
Product weight	0.09 lb(US) (0.04 kg)	

Environment

product certifications	CE CSA UL
ambient air temperature for operation	-13131 °F (-2555 °C)
ambient air temperature for storage	-40158 °F (-4070 °C)
vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 1055 Hz) conforming to IEC 60068-2-6
shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27



IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529 IP69K double insulation conforming to DIN 40050

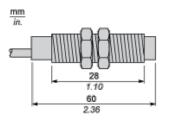
Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 0903 - Schneider Electric declaration of conformity	Compliant - since 0903 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	e Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
Di-isodecyl phthalate (DIDP), which is known to the Stat of California to cause birth defects or other reproductive harm.	teDi-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

Contractual warranty

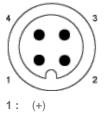
	Warranty period	18 months
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Dimensions



Wiring Schemes

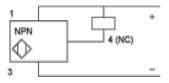
M12 Connector



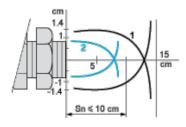
3: (-)

4: OUT/Output

NPN Outputs



Detection Curves





White 90%
Grey 18%
Object 10 x 10 cm

