Product datasheet Characteristics

XUB5APBWL2



Main

Iviani	
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	90° lateral
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NC
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product specific application	-
Emission	Infrared diffuse
[Sn] nominal sensing distance	1.97 ft (0.6 m) diffuse

Complementary

Complementary		
Enclosure material	PBT	
Lens material	РММА	
Maximum sensing distance	2.62 ft (0.8 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	Sensitivity adjustment	
Diameter	0.71 in (18 mm)	
Length	3.62 in (92 mm)	
Product weight	0.11 lb(US) (0.05 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



IP degree of protection IP65 double insulation conforming to IEC 60529	
IP67 double insulation conforming to IEC 60529	

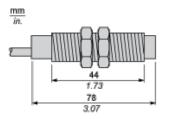
Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 0847 - Schneider Electric declaration of conformity	Compliant - since 0847 - 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	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.	eDi-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

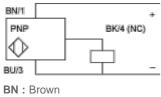
	Warranty period	18 months
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Dimensions



Wiring Schemes

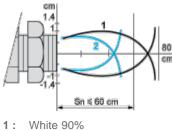
PNP Outputs



BU : Blue

BK : Black

Detection Curves



White 90%
Grey 18%
Object 10 x 10 cm

