XUB2BKSNL2T

photo-electric sensor - XUB - emitter - 12..24VDC - cable 2m





Main

Range of product Series name General purpose single mode Electronic sensor type Photo-electric sensor transmitter Sensor name XUB Sensor design Cylindrical M18 Detection system Material Line of sight type Axial Type of output signal Supply circuit type DC Wiring technique 3-wire Electrical connection Cable Cable length 2 m Product specific application Emission Infrared thru beam [Sn] nominal sensing Overall purpose single mode Aude Aude Detectric sensor transmitter XUB Sensor design Avia Discrete Supply circuit type DC Wiring technique 3-wire Electrical connection Cable Cable length 2 m Product specific application Infrared thru beam [Sn] nominal sensing 15 m thru beam need a receiver		
Electronic sensor type Photo-electric sensor transmitter Sensor name XUB Sensor design Cylindrical M18 Detection system Thru beam Material Metal Line of sight type Axial Type of output signal Discrete Supply circuit type DC Wiring technique 3-wire Electrical connection Cable Cable length 2 m Product specific application Emission Infrared thru beam	Range of product	OsiSense XU
Sensor name XUB Sensor design Cylindrical M18 Detection system Thru beam Material Metal Line of sight type Axial Type of output signal Discrete Supply circuit type DC Wiring technique 3-wire Electrical connection Cable Cable length 2 m Product specific application Emission Infrared thru beam	Series name	General purpose single mode
Sensor design Cylindrical M18 Detection system Thru beam Material Metal Line of sight type Axial Type of output signal Discrete Supply circuit type DC Wiring technique 3-wire Electrical connection Cable Cable length 2 m Product specific application Emission Infrared thru beam	Electronic sensor type	Photo-electric sensor transmitter
Detection system Thru beam Material Line of sight type Axial Type of output signal Supply circuit type DC Wiring technique Electrical connection Cable Cable length Product specific application Emission Infrared thru beam	Sensor name	XUB
Material Metal Line of sight type Axial Type of output signal Discrete Supply circuit type DC Wiring technique 3-wire Electrical connection Cable Cable length 2 m Product specific application Emission Infrared thru beam	Sensor design	Cylindrical M18
Line of sight type Axial Type of output signal Discrete Supply circuit type DC Wiring technique 3-wire Electrical connection Cable Cable length 2 m Product specific application Emission Infrared thru beam	Detection system	Thru beam
Type of output signal Discrete Supply circuit type DC Wiring technique 3-wire Electrical connection Cable Cable length 2 m Product specific application Emission Infrared thru beam	Material	Metal
Supply circuit type DC Wiring technique 3-wire Electrical connection Cable Cable length 2 m Product specific application Emission Infrared thru beam	Line of sight type	Axial
Wiring technique 3-wire Electrical connection Cable Cable length 2 m Product specific application Emission Infrared thru beam	Type of output signal	Discrete
Electrical connection Cable Cable length 2 m Product specific application Emission Infrared thru beam	Supply circuit type	DC
Cable length 2 m Product specific application - Emission Infrared thru beam	Wiring technique	3-wire
Product specific application Emission Infrared thru beam	Electrical connection	Cable
application Emission Infrared thru beam	Cable length	2 m
	•	-
[Sn] nominal sensing 15 m thru beam need a receiver	Emission	Infrared thru beam
distance		15 m thru beam need a receiver

Complementary

Complementary	
Enclosure material	Nickel plated brass
Lens material	PMMA
Maximum sensing distance	20 m thru beam
Output type	Solid state
Add on input	Test by emission breaking
Wire insulation material	PvR
Status LED	1 LED (green) for supply on
[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
Maximum voltage drop	<1.5 V (closed state)
Current consumption	35 mA no-load
Maximum delay first up	15 ms
Maximum delay response	1 ms
Maximum delay recovery	1 ms
Setting-up	Without sensitivity adjustment
Diameter	18 mm
Length	46 mm

Environment

Product certifications	CSA CE UL
Ambient air temperature for operation	-2555 °C
Ambient air temperature for storage	-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
IP degree of protection	IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Weight	108 g	
Package 1 Height	4.2 cm	
Package 1 width	9.7 cm	
Package 1 Length	13.2 cm	
Unit Type of Package 2	S02	
Number of Units in Package 2	22	
Package 2 Weight	2.853 kg	
Package 2 Height	15 cm	
Package 2 width	30 cm	
Package 2 Length	40 cm	

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EVEU RoHS Declaration
Mercury free	Yes
RoHS exemption information	₫Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	☐ End of Life Information

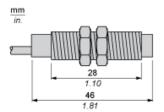
Contractual warranty

Warranty	18 months

Product data sheet Dimensions Drawings

XUB2BKSNL2T

Dimensions



Product data sheet Connections and Schema

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Wiring Schemes

Transmitter



BN: Brown BU: Blue VI: Violet Input 2/VI:

not connected: beam madeconnected to -: beam broken

Product data sheet Performance Curves

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Detection Curves

