

# XU9M18MB230WL5

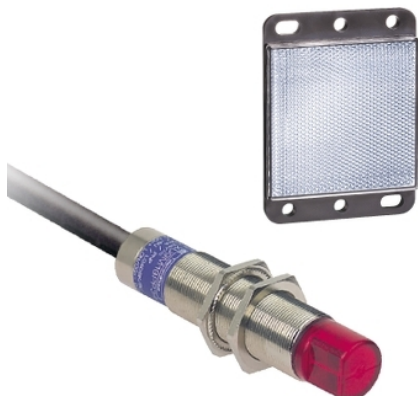
photo-electric sensor - XU9 - polarised - 90° -  
Sn 2m - 24..240VAC/DC - cable 5m

Product Life Status : **END OF STANDARD SERVICE**

TODAY  
FEB 22, 2021

End of Commercialization  
OCT 30, 2020

End of Standard Service  
OCT 30, 2020



## Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XU9
Sensor design	Cylindrical M18
Detection system	Polarised reflex
Material	Metal
Line of sight type	90° lateral
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring technique	2-wire
Discrete output function	1 NC
Electrical connection	Cable
Cable length	5 m
Product specific application	-
Emission	Red polarised reflex
[Sn] nominal sensing distance	2 m polarised reflex need reflector XUZC50

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## Complementary

Enclosure material	Nickel plated brass
Lens material	PMMA
Maximum sensing distance	3 m
Output type	Solid state
Add on output	Without
Add on input	Programmation
Cable composition	4 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Cable outer diameter	4.2 mm
Status LED	1 LED (green) for supply on 1 LED (yellow) for output state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC

Maximum residual current	1.5 mA open state
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	<= 30 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	64 mm
Net weight	0.155 kg
Kit composition	Sensor Reflector XUZC50

## Environment

Product certifications	UL CSA CE
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	25 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529

## Packing Units

Package 1 Weight	0.001 kg
Package 1 Height	0.010 dm
Package 1 width	0.010 dm
Package 1 Length	0.020 dm

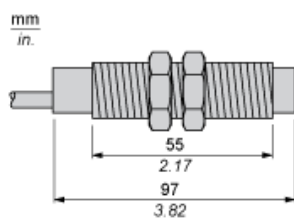
## Contractual warranty

Warranty	18 months
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Dimensions

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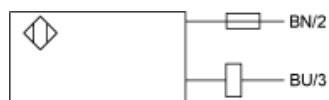


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## Wiring Schemes

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### 2-wire AC or DC



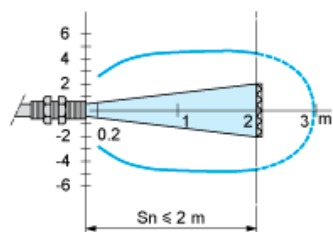
BU : Blue  
BN : Brown

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Detection Curves

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Polarised Reflex System



With reflector XU9C50