XUKT1KSMM12

photo-electric sensor - XUKT - reflex - Sn 1.5m - 12..24VDC - M12

Green Premium™
Product

Main

Range of product	OsiSense XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Sensor name	XUK
Sensor design	Compact 50 x 50
Detection system	Reflex
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP or NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M12 adjustable 2 positions, 4 pins
Product specific application	Detection of transparent object
Emission	Red reflex
[Sn] nominal sensing distance	1.5 m reflex need reflector XUZC50

Complementary

Enclosure material	PC
Lens material	PMMA
Output type	Solid state
Output function governance	Dark
Add on output	Without
Cable composition	2 x 0.34 mm²
Wire insulation material	PVC
Cable outer diameter	6 mm
Status LED	1 LED for output state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V AC/DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 1.5 kHz
Voltage drop	<= 2 V (closed state)
Current consumption	<= 35 mA (no-load)
Time delay range	0.1...5 s monostable, on-delay or off-delay (programmable) delay
Delay first up	<= 80 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.3 ms
Setting-up	Sensitivity adjustment by potentiometer
Depth	50 mm
Height	50 mm
Width	18 mm
Product weight	0.035 kg
Kit composition	Sensor Bracket XULZ41

Mar 6, 2018

Telemecanique Sensors

Environment

|	
Product certifications	CE CSA UL
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 gn, amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	20 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529 IP651 conforming to NF C 20-010

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0841 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold

Telemecanique
Sensors

Dimensions

- With cover open
- Fixing bracket mounting according to position of connector
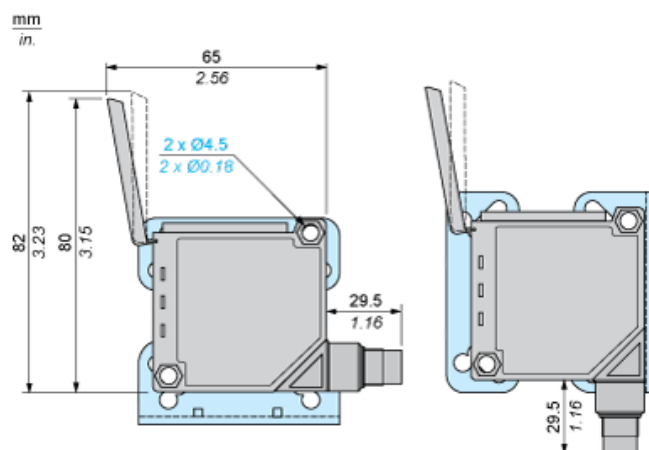
Bracket Fixing
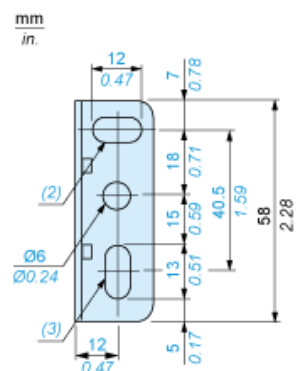
(2)   1 elongated hole Ø 6 x 12
(3)   1 elongated hole Ø 6 x 13

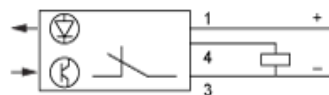## Wiring Schemes
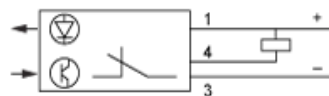
Connector Scheme
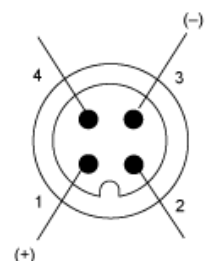
1 : (+)
2 : Alarm output
3 : (-)
4 : Output signal

NC Programmed
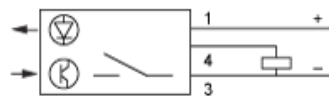
PNP programmed output

NPN programmed output

NO Programmed

PNP programmed output

NPN programmed output

Alarm Output

NPN programmed

PNP programmed

Telemecanique
Sensors