XUM0ANSAL2

photo-electric sensor - XUM - multi - Sn 0..10m - 12..24VDC - cable 2m

Main

Range of product	OsiSense XU
Series name	Universal
Spcific app photo-elec dtctr	Object
Sensor name	XUM
Sensor design	Miniature
Material	Plastic
Detection system	Diffuse Diffuse with background suppression Polarised reflex Thru beam
Emission	Infrared diffuse Infrared diffuse with background suppression Infrared thru beam Red polarised reflex
[Sn] nominal sensing distance	10 m thru beam 3 m polarised reflex 0.1 m diffuse with background suppression 0.4 m diffuse
Wiring techniquees	3 wires
Type of output signal	Discrete
Output type	Solid state
Discrete output function	1 NO or 1 NC programmable
Discrete output type	NPN
Add on output	With alarm output, 50 mA
Electrical connection	Cable
Cable length	2 m
Wire insulation material	PvR
Supply circuit type	DC
Us rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA, overload and short-circuit protection

Complementary

Electronic sensor type	Photo-electric sensor
Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	14 m thru beam 4 m polarised reflex 0.1 m diffuse with background suppression 0.55 m diffuse
Status LED	1 LED (green) for supply 1 LED (red) for instability 1 LED (yellow) for output state
Supply voltage limits	10 - 36 V DC
Switching frequency	<= 250 Hz
Voltage drop	1.5 V (closed state)
Current consumption	35 mA at no-load
Delay first up	< 100 ms
Delay response	< 2 ms
Delay recovery	< 2 ms
Setting-up	Self-teaching

Depth	12 mm
Height	34 mm
Width	20 mm
CAD overall width	12 mm
CAD overall height	34 mm
CAD overall depth	20 mm
Product weight	0.05 kg

Environment

Product certifications	CE CSA UL
Ambient air temp for op	-25...55 °C
Ambient air temp for storage	-40...70 °C
Vibration resistance	7 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	IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529

Schneider Electric

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric](#):

  [XUM0ANSAL2](#)