

# Product Datasheet

## Characteristic

# XU5M18MA230

photo-electric sensor - XU5 - diffuse - Sn 0.4m - 24..240VAC/DC - cable 2m



## Main

range of product	OsiSense XU
series name	general purpose single mode
electronic sensor type	photo-electric sensor
sensor name	XU5
sensor design	cylindrical M18
detection system	diffuse
material	metal
line of sight type	axial
type of output signal	discrete
supply circuit type	AC/DC
wiring technique	2-wire
discrete output function	1 NO
electrical connection	cable
cable length	6.56 ft (2 m)
product specific application	-
emission	infrared diffuse
[Sn] nominal sensing distance	1.31 ft (0.4 m) diffuse

## Complementary

enclosure material	nickel plated brass
lens material	PMMA
maximum sensing distance	1.97 ft (0.6 m)
output type	solid state
add on output	without
wire insulation material	PvR
status LED	1 LED yellow output state
[Us] rated supply voltage	24...240 V AC/DC
supply voltage limits	20...264 V AC/DC
residual current	< 1.5 mA (open state) AC/DC
switching capacity in mA	10...200 mA (to be used with 0.4 A quick-blow fuse in series with the load)
switching frequency	<= 25 Hz
voltage drop	6 V (closed state)

delay first up	< 300 ms
delay response	< 20 ms
delay recovery	< 20 ms
setting-up	sensitivity adjustment
diameter	0.71 in (18 mm)
length	3.23 in (82 mm)
product weight	0.33 lb(US) (0.15 kg)

## Environment

product certifications	CE CSA UL
ambient air temperature for operation	-13...131 °F (-25...55 °C)
ambient air temperature for storage	-40...158 °F (-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	IP67 (double insulation) conforming to IEC 60529

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0912 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold