Product data sheet
Characteristics

XUYPS2945S
photo-electric sensor - XUY - BGS - 2 channels - Sn 600mm - 12..24VDC - cable 2m

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Commercial Status	Commercialised
Range of product	OsiSense XU
Series name	Application material handling
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Compact
Detection system	Diffuse with background suppression
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP and NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product specific application	2 channels triangulation Control of filling Detection of object on conveyor against reflective background
Emission	Infrared LED, modulated
[Sn] nominal sensing distance	1.97...23.62 in (50...600 mm)

Complementary

Enclosure material	Glass impregnated nylon
Output type	Solid state
Status LED	1 LED (green) for output state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	100 mA (overload and short-circuit protection)
Switching frequency	> 370 Hz
Voltage drop	< 2 V (closed state)
Current consumption	< 1.5 mA (no-load)
Delay response	< 1.8 ms
Delay recovery	< 1.8 ms
Product weight	0.3 lb(US) (0.135 kg)

Environment

Product certifications	CE
Ambient air temperature for operation	32...122 °F (0...50 °C)
Ambient air temperature for storage	-4...140 °F (-20...60 °C)
Immunity to ambient light	1300 lux with incandescent bulb 10000 lux with natural light
IP degree of protection	IP65 conforming to IEC 60529

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	003389119007252
Nbr. of units in pkg.	1
Package weight(Lbs)	0.20
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

Contractual warranty

Period	18 months

Schneider Electric