Product data sheet
Characteristics

XUYLC2004
photo-electric sensor - XUY - ampli for fibre - 4 color - 24VDCM12

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

Main

Commercial Status	Commercialised
Range of product	OsiSense XU
Series name	Application
Specific application of photoelectric detector	Detection of coloured wires Detection of little marks and coloured tags Detection of one to four colours Detection of translucent coloured parts Quality control of lids colour or presence of labels Sorting out of coloured parts
Sensor name	XUY
Sensor design	Fiber design
Emission	Red LED Green LED Blue LED

Complementary

Electronic sensor type	Photo-electric sensor
Material	Plastic
Enclosure material	Polycarbonate strong housing
Type of output signal	Discrete
Discrete output type	4 PNP/NPN
Electrical connection	2 male connectors M12, 4 pins
Cable length	6.56 ft (2 m)
Supply circuit type	DC
[Us] rated supply voltage	24 V DC with reverse polarity protection
Supply voltage limits	21.6...26.4 V DC
Switching frequency	500 Hz for XUYFPCF. 25 Hz for XUYFPCP.
Voltage drop	< 2.2 V at 100 mA < 0.5 V at 10 mA at low level
Current consumption	120 mA (no-load)
Delay response	20 ms for XUYFPCP. 1 ms for XUYFPCF.
Delay recovery	20 ms for XUYFPCP. 1 ms for XUYFPCF.
Setting-up	Sensitivity adjustment with teach mode

Environment

Product certifications	CE CULus
Ambient air temperature for operation	32...104 °F (0...40 °C)
Ambient air temperature for storage	-4...140 °F (-20...60 °C)
Immunity to ambient light	<= 5000 lux with natural light <= 3000 lux with incandescent bulb
IP degree of protection	IP65

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	003389119007290
Nbr. of units in pkg.	1
Package weight(Lbs)	0.87
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

Contractual warranty

Period	18 months

Mouser Electronics

Authorized Distributor

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  [XUYLC2004](#)