



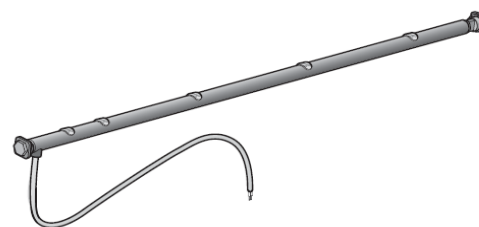
Technical datasheet

XUY609NC3P5S••

Photo-electric sensor for Roller conveyor

Compact design

DC Supply, Solid-state output

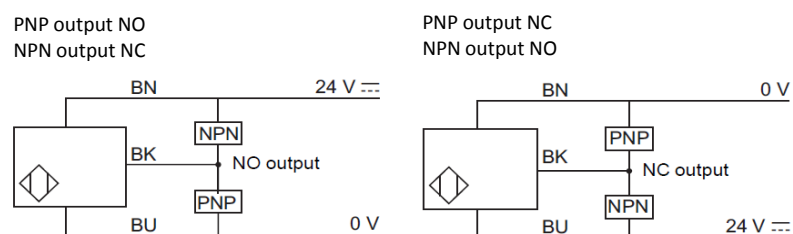


Characteristics

Dimension		609 mm
Product certifications		CE
Connection		Pre-cabled, Length : 5m
Nominal Sensing distance		10 cm on a white standard target
Number of Sensors		3 (Spacing 108mm)
Type of transmission		Infrared
Mounting Parts		Double - 11mm Hexagonal frame
Degree of protection	Conforming to IEC 60529	IP50
Storage temperature		-20°C to +70°C
Operating temperature		-10°C to +55°C
Materials	Case	Aluminium and PA
	Lens	PC
	Cable	PUR
Vibration resistance	Conforming to IEC 60068-2-6	For X, Y and Z: 1 mm from 10 to 42 Hz 7 gn from 42 to 55 Hz 30 mm at resonant frequency or 55 Hz
Shock resistance	Conforming to IEC 60068-2-27	For X, Y and Z: 10 gn for 11 ms
Indicator lights	Output state	Yellow LED
Rated supply voltage		24 V with protection against reverse polarity
Voltage limits (including ripple)		10...30 V of rated operational voltage
Current consumption		≤35mA max
Voltage Drop		≤ 2V
Output state		NO/NC Programmable
Connection		PNP + NPN
Switching capacity		100 mA with overload and short-circuit protection
Maximum switching frequency		500 Hz
Delays	Response	1 ms
	Recovery	1 ms
Detection Accuracy		2mm at 2m/s

Wiring schemes

Connection PNP + NPN



Dimensions

A (mm)	609
E1 (mm)	196,5
ES (mm)	108
E2 (mm)	196,5
Mounting Parts	Double Hexagonal

