



#### Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	Application
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Fork
Detection system	Thru beam
Emission	Infrared, continuous
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP/NPN
Product specific application	Detection of sheets overlapping Lateral shift control of a belt Control of tools travel Lift cage position control Detection on a labelling machine Detection of marks on a translucent film

#### Complementary

Enclosure material	Painted aluminium strong housing
Type of output signal	Discrete
Output type	Solid 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	10 kHz
Maximum voltage drop	<1 V at 10 mA (closed state) <2 V at 100 mA (closed state)
Current consumption	40 mA no-load

#### Environment

Product certifications	CE[RETURN]cULus
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-20...80 °C
Immunity to ambient light	3000 Lux incandescent bulb 3000 lux natural light
IP degree of protection	IP65 conforming to IEC 60529

#### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1