



OsiSense XUPK, simple & innovative picking solution

## Improve quality and productivity on your assembly lines



Our picking sensors are quick to install and easy to use, with very few programming. The picking sensors work as a stand alone system or with a communication box which can be connected to any PLC or PC based control system, making it a complete automated solution.

### Simple to install

Picking sensors are fixed by screws or by 2 plastic clamps which makes it quick and adaptable. Connection is fast and effective thanks to RJ45 connectors.

### Easy to program

Teaching mode is done by manual operation in front of each sensor. One action is enough for sensor initialization and sequence learning.

### Easy to use

Hand detection with green and red lights information, indicating the parts to be taken or sequencing. The sequence is stored in the picking sensors and can be played indefinitely.

Simply easy!™



**Telemecanique**  
**Sensors**



## Benefits

### Simple to install

- Fast and robust installation without accessories.
- Stand alone system.
- Simple connection using RJ45 connectors.
- Communication box for easy connection, supply and Modbus TCP/IP communication.
- Daisy chain for more effective Input/Output management.

### Easy to program

- For one sequence, connecting the sensors thru daisy chain is enough. No need of additional accessory.

### Easy to use

- Steady lights ; low and fast blinking lights are possible.
- Wrong take is automatically detected providing a red light information to the operator.

## Characteristics

### Picking Sensor OsiSense XUPK

- Up to 14 picking sensors on the same daisy chain.
- Modbus TCP/IP communication to PLC.
- Green or red lights with flashing mode.
- Hand detection: 150 mm sensing distance and 600 mm with reflector.
- Optical Infrared emission.
- Adapted for box detection (<300 mm wide): big boxes or containers can be watched by association of 2 sensors or more.
- PNP version, 10-30V (with ripples).
- Output : detection on.
- Input : light indication.

### Communication box OsiSense XUPH

- Up to 64 products for a communication box.
- 24V supply on the box.
- 8 x RJ45 for picking sensors connection on the box.
- 2RJ45 for HMI or PLC with Modbus TCP/IP.

## References

Product	Picking sensor	Communication box
	XUPK1PANJ45	XUPH001

### Schneider Electric Industries SAS

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