Our picking sensors are quick to install and easy to use, with little programming needed. The picking sensors work as a standalone 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 indicates the parts to be taken or the sequence. The sequence is stored in the picking sensors and can be played indefinitely.

**Simply easy!™**
Benefits

Simple to install
- Fast and robust installation, no tools or hardware required.
- Standalone 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 through the daisy chain is enough. No need of additional tools.

Easy to use
- Steady lights; slow and fast blinking light options are possible.
- Wrong take is automatically detected providing a red light communication 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

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<tr>
<th>Product</th>
<th>Picking sensor</th>
<th>Communication box</th>
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<tbody>
<tr>
<td>XUPK1PANJ45</td>
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<td>XUPH001</td>
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Due to the constant evolution of standards and equipment, the specifications indicated in the text and images of this document can only be guaranteed after confirmation by our departments.

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