LS25B.2 – THROUGHBEAM PHOTOELECTRIC SENSORS

High power for plastic foil transmission

easy handling.
POWERFUL, THROUGH SHINING, SENSITIVE

To improve processes with object detection inside of plastic foil pouches

VERY POWERFUL FOR BEST TRANSMISSION BUT ALSO VERY PRECISE TO ADJUST SENSITIVELY

- Easy adjusting on both sides (receiver + emitter) by 270° potentiometer
- Put trimmer on receiver on medium sensitivity (six o’clock)
- Place empty pouch or several layers of foil in front of transmitter
- Turn up transmitter until foil is penetrated and receiver signals switching
- If transmitter is put on MAX (11 o’clock), turn up receiver a bit (7 o’clock)
- Move the foil: sensor should not switch off
- See datasheet for more detailed instructions

**easy handling.**
- Compact design
- Infrared light
- Wide opening angle for easy alignment

**power reserve.**
- Super fine adjustment with 2 potentiometers
- Operating range up to 200m
- Penetrates coated / colored film packages

**Technical data LS25B.2**

<table>
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<tr>
<th>Feature</th>
<th>LS25B.2</th>
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<tbody>
<tr>
<td>Dimensions</td>
<td>39 × 15 × 29 mm</td>
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<tr>
<td>Light source</td>
<td>Infrared light</td>
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<td>Range</td>
<td>&gt; 200 m</td>
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<tr>
<td>Switching frequency</td>
<td>100 Hz</td>
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<td>Degree of Protection</td>
<td>IP 67, IP 68</td>
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<td>Switching outputs</td>
<td>NPN, PNP</td>
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**Typical applications**

- Detect objects in coated foil pouches
- Penetrated film to detect objects inside

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