# FISHEYE

## OPTICAL SENSOR


- Detects both lines and/or edges
- Viewing area up to 800 mm
- 1 msec of response time
- Used with materials with considerable width errors
- Both centre and line guide
- 3 different optics (8, 16, 25mm)
- Operating distance from 20 to 80 cm

FISHEYE is an optical sensor able to read lines and/or edges of opaque materials.

Equipped with a CCD sensor, FISHEYE is a camera with a wide visual area up to 800 mm and a response time of 1msec. The sensor is usually used for materials with a considerable width error and when using or splicing reels of different widths, such as forexample in the corrugated board sector.

With the FISHEYE sensor is it possible to operate both the "centre guide" and the "line guide".

Accordingly to the application it can operate at an operating distance from 20 to 80 cm and can be equipped with three different optics, 8, 16 and 25 mm, to increase the field of view.

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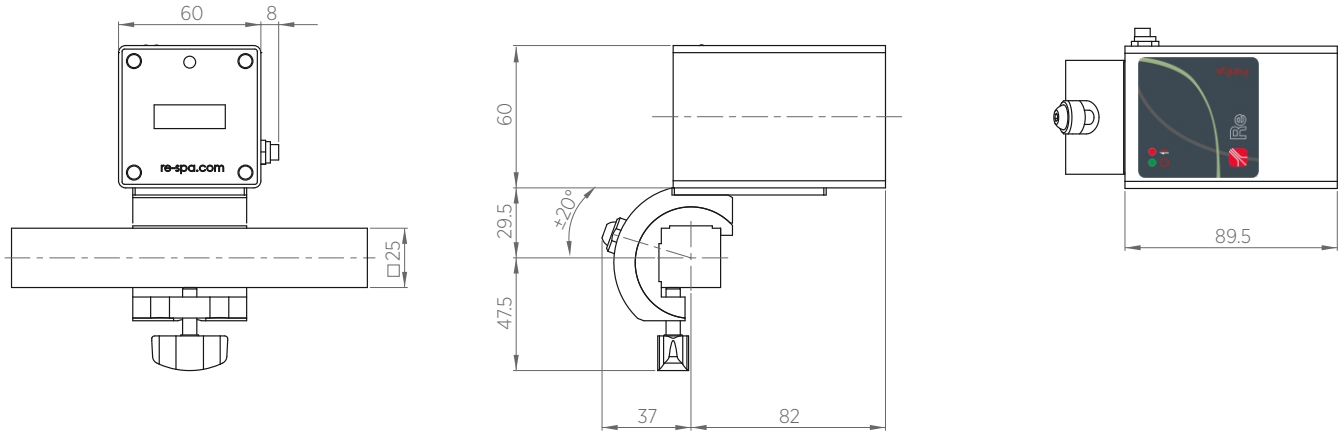
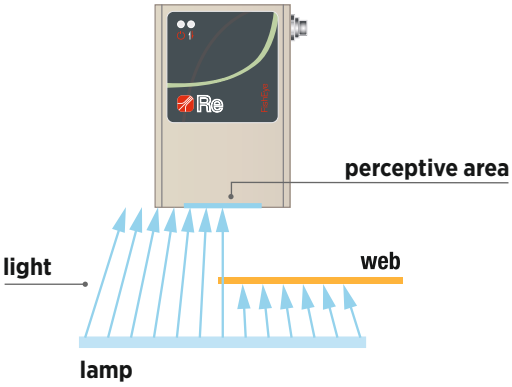
## TECHNICAL DRAWING




## FUNCTIONING




## TECHNICAL CHARACTERISTICS

| | |
|---|---|
| Power supply/absorption | 12÷24 Vdc |
| Viewing area | 800 mm max |
| Digital output | CAN |
| Sensor CCD | 2048 linear pixels |
| Response time | 1 msec |
| Operating distance | 20÷80 cm |
| Optics | 8 mm - 16 mm - 25 mm |
| Working temperature | 0÷50°C |
| IP protection class | IP54 |
| Dimensions | 89,5 x 60 x 60 mm |

*Data are subject to technical change without notice

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