## DATALOGIC - SR23 - FORK SENSOR

SR23-2-IR-PH
SR23-2-IR-PH Fork Sensor Cabled

- $50 \times 5 \mathrm{~mm}$ fork gap
- 12 kHz frequency
- Dynamic or static setting
- M8 connector or embedded cable



## PRODUCT DESCRIPTION

The SR23 series, with $50 \times 5 \mathrm{~mm}$ slot size, are designed for the detection of normal labels, as well as thick booklet and multi-layer ones, used increasingly in the food and pharmaceutical industries. The series distinguishes itself through its fast $40 \mu \mathrm{~s}$ response time and its switching frequency reaching 12 kHz , and offers an easy static or dynamic procedure setting, via SET push-button or remote input.

The emission is infrared LED with a narrow light beam, allowing resolutions up to $0,5 \mathrm{~mm}$. All models are characterised by a compact metallic housing and by a M5 threaded hole, a $\varnothing 5 \times 8$ slotted hole, and a dovetail guide. 2 m embedded cable or M8 4-pole connector versions are available, and with NPN or PNP outputs.

FEATURES \& BENEFITS

- $50 \times 5 \mathrm{~mm}$ slot size: normal labels, booklet and multi-layer labels
- Teach-in or dynamics setting
- 12 kHz switching frequency for high detection repeatability
- Compact housing suitable for application with reduced spaces
- 0.5 mm minimum size label/gap for high detection reliability for a precise reading


## APPLICATIONS

- Processing and Packaging machinery
- Automatic labellers
- Print and apply systems


## SPECIFICATIONS

| Approvals | CE, UL |
| :--- | :--- |
| Dimension (mm) | $30 \times 63 \times 10$ |
| Electrical connection | Cable 2 m |
| Fork Depth | 50 mm |
| Fork gap | 5 mm |


| Frequency | 12000 Hz |
| :--- | :--- |
| IP Class | IP65 |
| LED indicator | Yes |
| Lens material | PC |
| Light type | IR LED |
| Material of body | Aluminium, PBT |
| Multi Label Reading | Yes |
| Output | PNP |
| Output current max | $0,1 \mathrm{~A}$ |
| Photocell technology | Label fork |
| Power consumption max | $0,03 \mathrm{~A}$ |
| Reaction time | $0,04 \mathrm{~ms}$ |
| Supply voltage | $10-30 \mathrm{~V} \mathrm{DC}$ |
| Temperature range from | $-20^{\circ} \mathrm{C}$ |
| Temperature range to | $55^{\circ} \mathrm{C}$ |
| Weight | 85 g |


| BROWN | 1 | $+10 \ldots 30 \mathrm{~V} \mathrm{DC}$ |
| :--- | :--- | :--- | :--- |
| WHITE | 2 |  |
| REMOTE |  |  |

indicators and setting


