

DATASENSING - SR23 - FORK SENSOR

SR23-2-IR-PH

953161000 Label Sensor Infra Red PNP 5mm Slot

- 50 x 5mm fork gap
- 12 kHz frequency
- Dynamic or static setting
- M8 connector or embedded cable



PRODUCT DESCRIPTION

The SR23 series, with 50 x 5mm 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 40µs response time and its switching frequency reaching 12kHz, 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 0,5mm. All models are characterised by a compact metallic housing and by a M5 threaded hole, a Ø5x8 slotted hole, and a dovetail guide. 2m embedded cable or M8 4-pole connector versions are available, and with NPN or PNP outputs.

FEATURES & BENEFITS

- 50 x 5mm 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
- 0.5mm minimum size label/gap for high detection reliability for a precise reading

APPLICATIONS


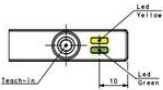
- Processing and Packaging machinery
- Automatic labellers
- Print and apply systems

TECHNICAL DATA

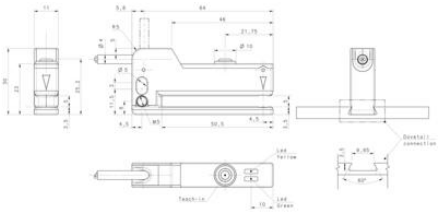
Approvals	CE, UL
Dimension (mm)	30 x 63 x 10
Electrical connection	Embedded 2m cable
Fork depth	50 mm
Fork gap	5 mm

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 A
Photocell technology	Label fork
Power consumption max	0.03 A
Reaction time	0.04 ms
Supply voltage	10-30 V DC
Temperature operational max	55 °C
Temperature operational min	-20 °C
Weight	85 g

INDICATORS AND SETTINGS

BROWN	1	+ 10...30 V DC
WHITE	2	REMOTE
BLACK	3	OUTPUT
BLUE	4	0 V



INDICATORS AND SETTINGS