

# See the Unseen. Control with Confidence.

The SE-37A is an edge sensor that uses ultrasound, making it completely insensitive to ambient light. Its compact size makes it ideal for most web material applications. It measures the lateral offset of a moving web. The proportional band allows for high control accuracy. It is often used in pairs for centerline guiding.

The SE-37A can be used for both opaque and transparent materials. For acoustically permeable materials, a button on the housing allows calibration to ensure precision. An integrated LED display on the sensor shows the web position within the fork.

Thanks to its IP65 rating, the SE-37A is suitable for environments exposed to spray or condensation.

## Key Features

- Insensitive to ambient light
- Immune to electrostatic discharge
- Protection class IP65 – suitable for harsh environments
- Light-sensitive materials are not affected
- Suitable for thin and transparent films
- Can be used in both new web guiding systems and retrofitting existing systems
- Quick and stable installation thanks to a variety of mounting brackets and positioning devices
- Compatible with Fife signal processors such as D-MAXE and DP-20 Plus



## SPECIFICATIONS

### Proportional Band

- 4 cm

### Source

- Ultrasonic, 310 kHz

### Weight

- 280 g

### Operating Temperature

- 41° to 140°F

### Supply Voltage

- 12 V DC, 80 mA

### Resolution

- 0.001 mm

### Output Signal

- 0–10 mA,  $RL \leq 100 \Omega$

### Operating Temperature

- 41 to 140°F

### Linearity Deviation

- $\pm 1.1\%$

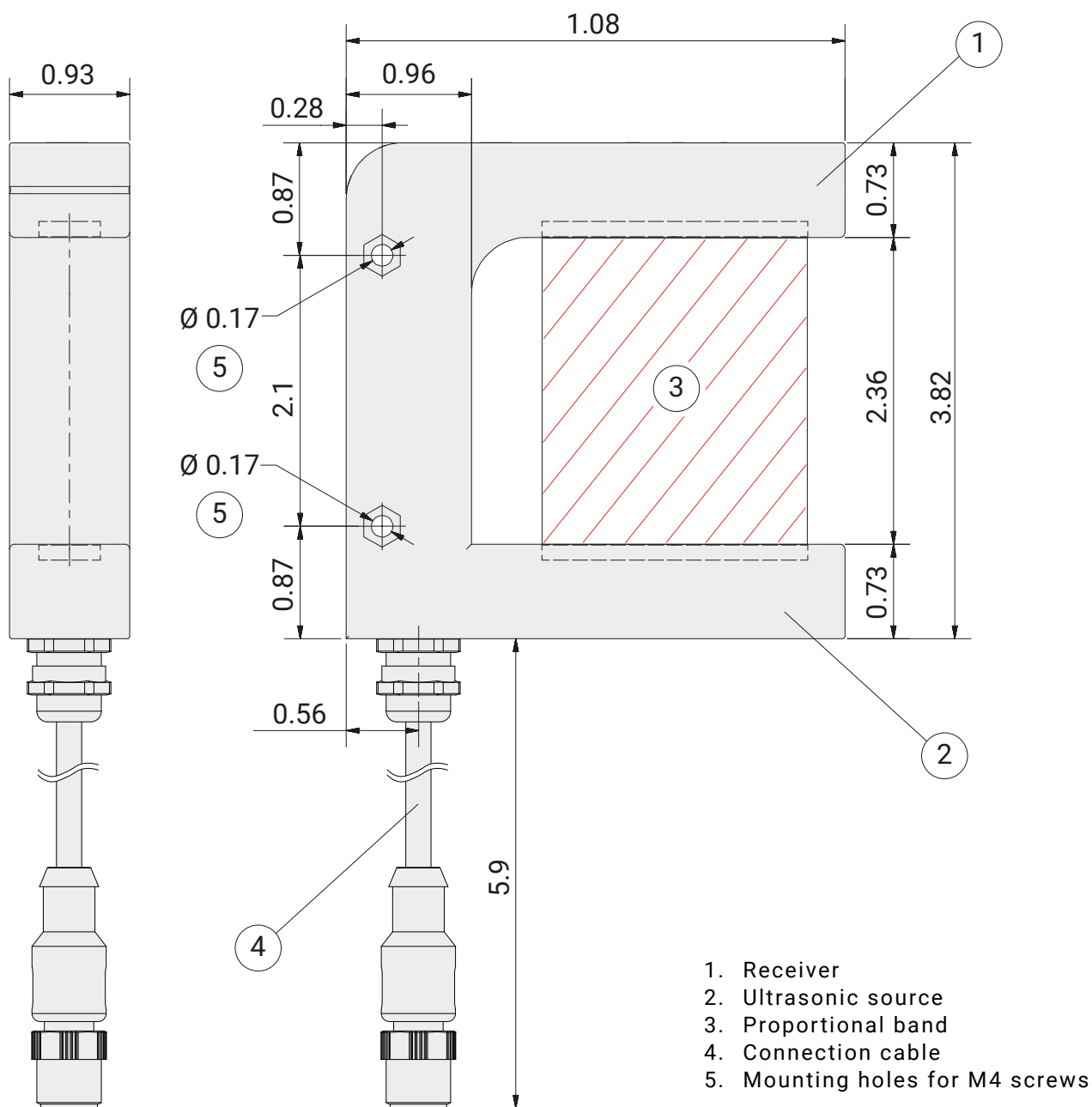
### Temperature Variation

- $\pm 2.5\%$  within 41° to 140°F

### Protection Class

- IP65

## DIMENSIONS



**Dimensions in inches**

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Pair the SmartDrive Actuator with the Fife SE-37A sensor for an easy-to-deploy closed-loop guiding system.