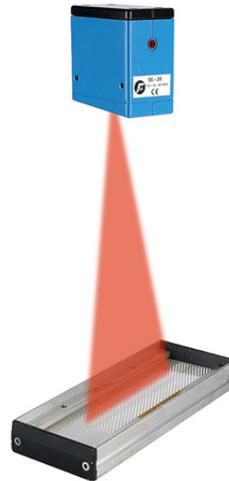




Introducing the SE-20 Wide Gap Reflex Sensor from Fife. The SE-20 is ideal for highly reflective materials, as it is not affected by ambient light and reflections.

The SE-20 emits a pulsing light, hitting the edge of the strip and is reflected from the reflector installed below the strip.

The material in the reflector polarizes the light it reflects to the sensor. These polarized light signals are processed to filter out ambient light and reflections to accurately define the position of the strip. There is a wide variety of sensor mountings and positioning assemblies available for use with this sensor.



GENERAL SPECIFICATIONS

Weight:

715 G

Distance Sensor- Reflector:

900-3000mm

Operating Temperature

5°- 60°C

Protection Class

IP67

Supply Power:

+ 12V, 45mA

Output Signal:

0 to 10mA

Linearity:

2% max. deviation

Plane change:

1% max. deviation

ESD protected:

Designed to IEC 801-2

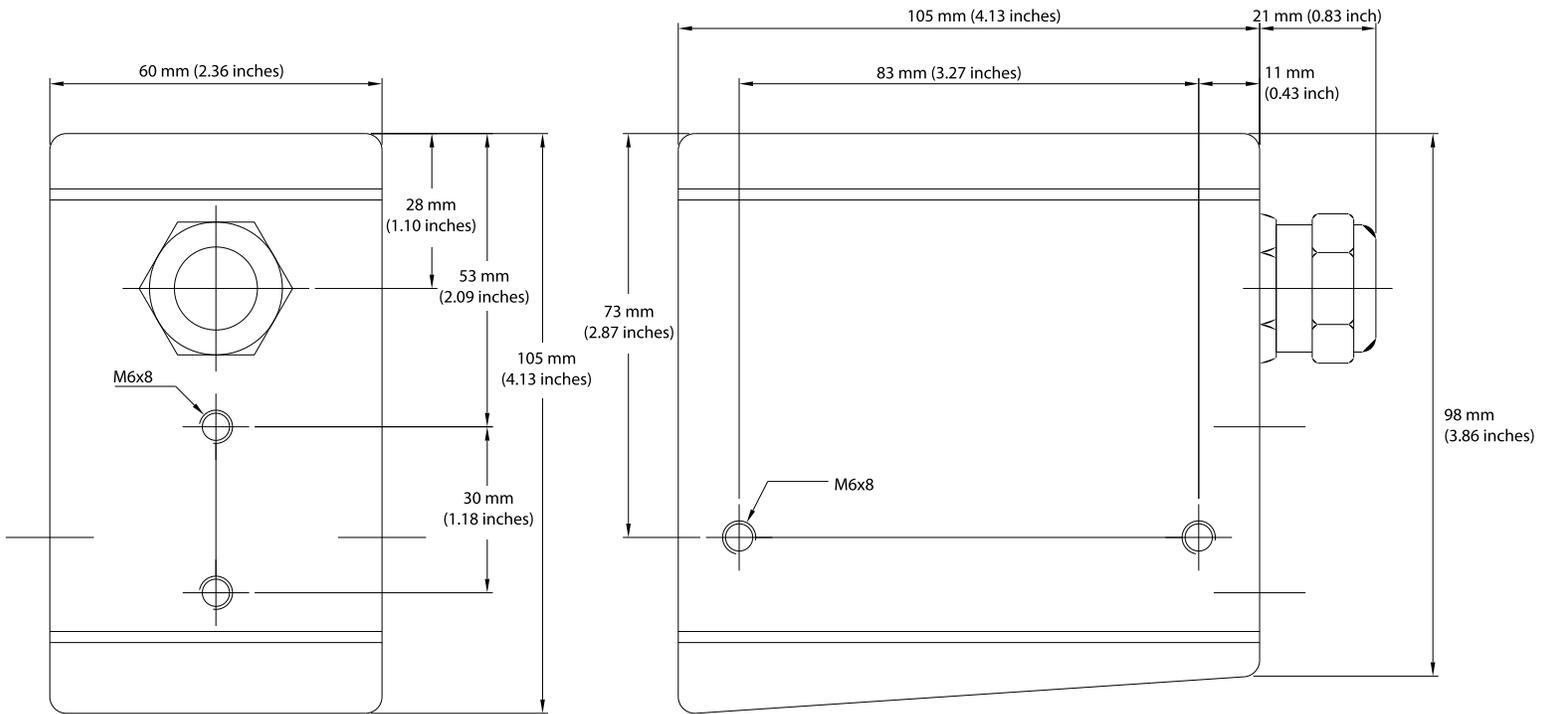
Offsetting Ambient Light:

Modulated light source

KEY FEATURES

- Maintenance-free
- Not affected by ambient light
- Not affected by reflective material
- Integrated boosting adjustment
- Variable distance between sensor and reflector of 0.9m- 3m
- Can be used for outer edge or center guiding
- Its small size allows for mounting in restricted spaces
- Ideal for edge and center guiding systems in slitting lines, uncoiler, recoiler and sensing of highly reflective strips

DIMENSIONS



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