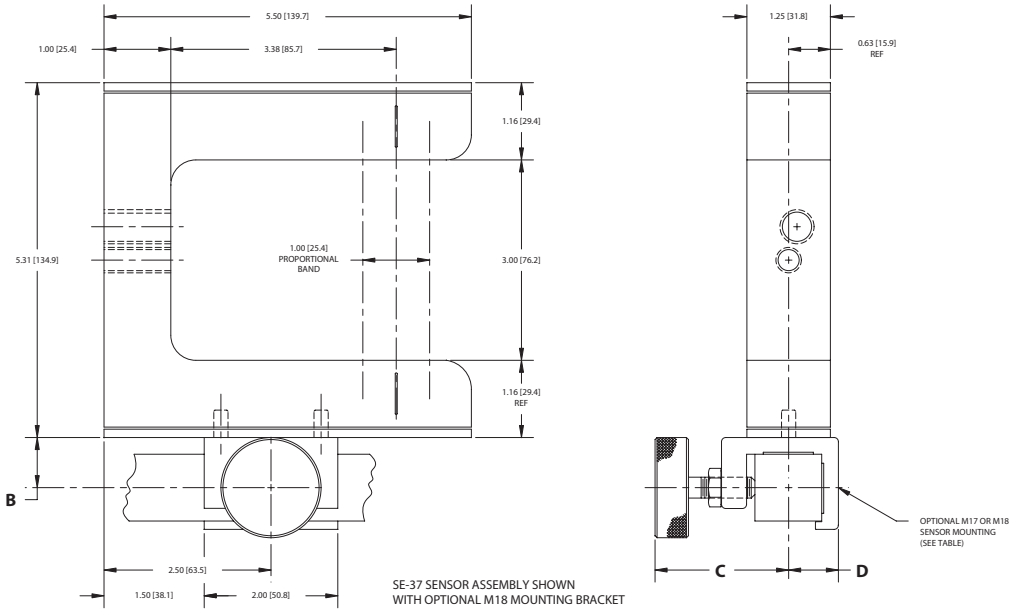
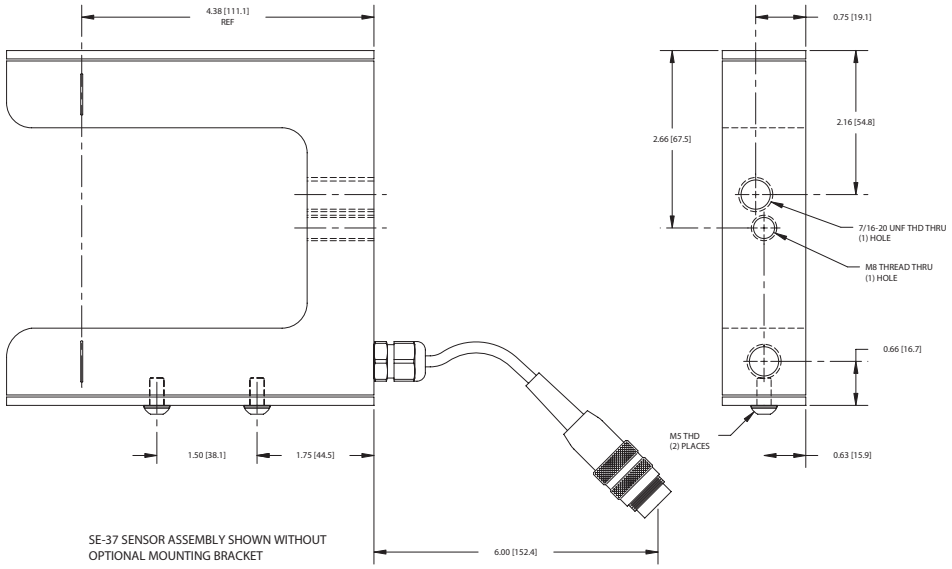
FIFE SE-37 ULTRASONIC SENSOR



SE-37 SENSOR ASSEMBLY SHOWN WITH OPTIONAL M18 MOUNTING BRACKET

Dimensions shown in parenthesis are in inches

SENSOR MOUNTING	A SQUARE BAR	B	C	D
M-17	19.05 mm (0.75 inch)	15.9 mm (0.63 inch)	38.10 mm (1.50 inches)	16.00 mm (0.63 inch)
M-18	25.4 mm (1 inch)	19.10 mm (0.75 inch)	50.80 mm (2.00 inches)	19.1 mm (0.75 inch)



SE-37 SENSOR ASSEMBLY SHOWN WITHOUT OPTIONAL MOUNTING BRACKET

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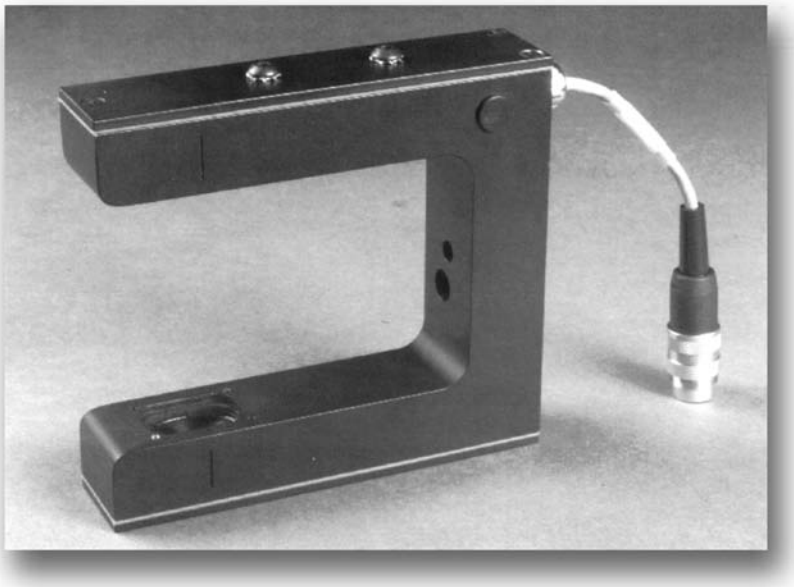
FIFE SE-37 ULTRASONIC SENSOR



With a control range of 25.4 mm (1 inch) and a sensing gap of 76.2 mm (3 inches), the SE-37 is our largest ultrasonic sensor. Temperature stabilized, this sensor is ideal for guiding both clear films and most opaque webs.

Because the SE-37 is unaffected by optical variation or ambient light, it eliminates the need for multiple sensors, resulting in decreased downtime and increased productivity. Improved circuitry reduces the effect of standing waves and temperature variations, which improves the overall operational performance.

GENERAL SPECIFICATIONS

Product Name
SE-37 Ultrasonic Sensor

Linearity
5% nominal maximum error

Plane Change
5% nominal maximum error

Power Required
10 to 15 VDC at <27 mA

Output Signal
0 to 10 mA

Update Rate
6 ms

Weight
566 grams (20 ounces)

Temperature Range
0° to 60° C (32° to 140° F)

KEY FEATURES

- The largest of the ultrasonic family, ideal for guiding the thinnest and clearest of films, as well as most opaque webs
- Immune to web plane changes and unaffected by optical variations or ambient light, including sunlight
- Will not affect photosensitive paper or film
- Compatible with all Fife controllers
- Flexible mounting and positioning assemblies ensure quick and easy installation
- Electrostatic discharge protected