MAXCESS®

FIFE

LINE SENSOR DSE-26B

From Transparent to Tangible - We Track It All.

A compact, lightweight sensor for edge and centerline guiding — especially well-suited for applications with low color contrast between background and printed line. It can detect the edge of transparent plastic film and operates reliably on smooth, rough, matte, or glossy material surfaces. It is insensitive to electrostatic discharge and features an LED light source designed for 100,000 operating hours.

Key Features

- Compact, lightweight sensor for edge and centerline guiding
- Especially well-suited for applications with low color contrast between background and printed line
- Detects the edge of a transparent plastic film
- Operates reliably on smooth, rough, matte, or glossy material surfaces
- Insensitive to electrostatic discharge
- LED light source designed for 100,000 operating hours

SPECIFICATIONS

Supply Voltage / Current
- 12–24 V, 150 mA

Output Signal
- 2 x 0 to 20 mA, max. 300 Ω

Working Distance
- 0.9 to 1.7 cm (typically 1.3 cm)

Digital Communication
- RS-485

Illumination
- RGB LED

Light Spot Size
- 0.09 x 0.36 cm

Weight
- 100 g

Operating Temperature
- 32° to 140°F

Storage Temperature
- 32° to 167°F

Relative Humidity
- 5% to 85%

Protection Class
- IP67

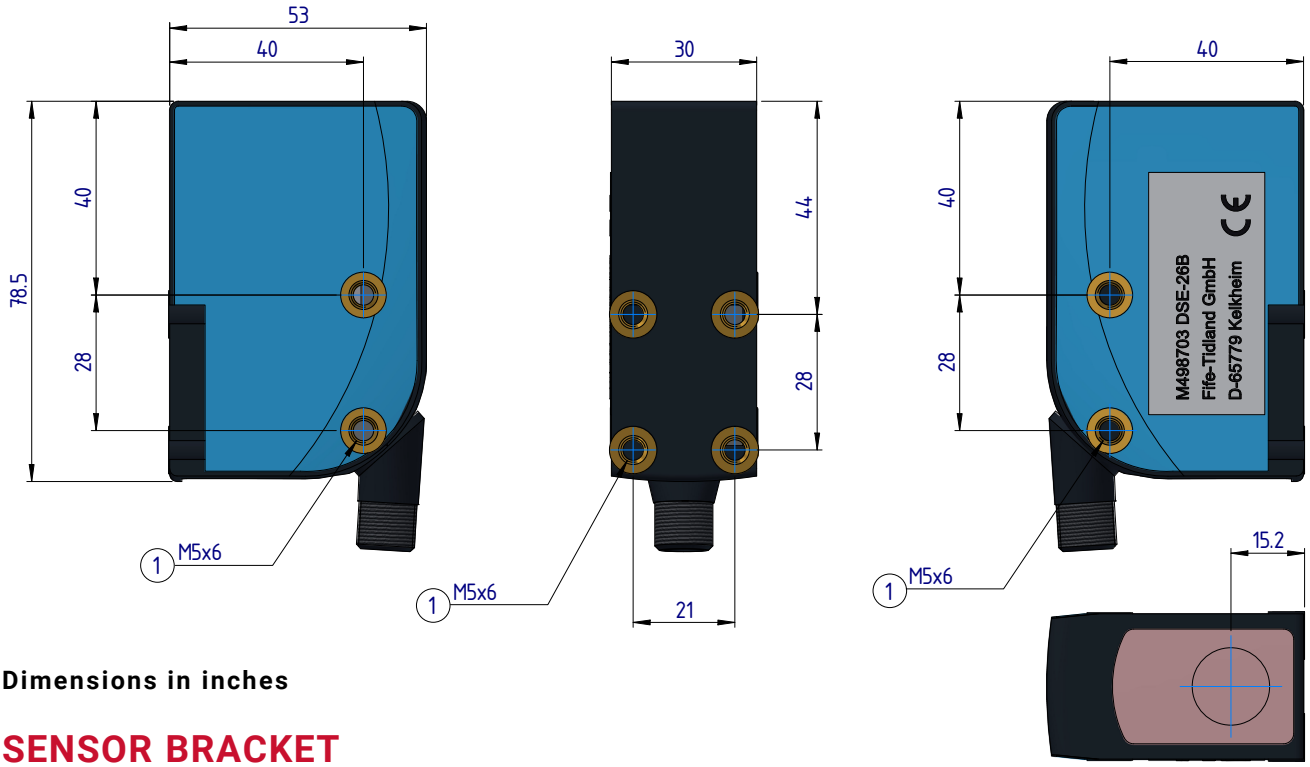
Climatic Category
- 3K3 (EN60721)

Pollution Degree
- 2 (IEC664-1)

FIFE

LINE SENSOR DSE-26B

DIMENSIONS

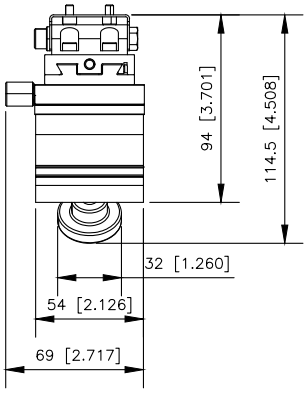


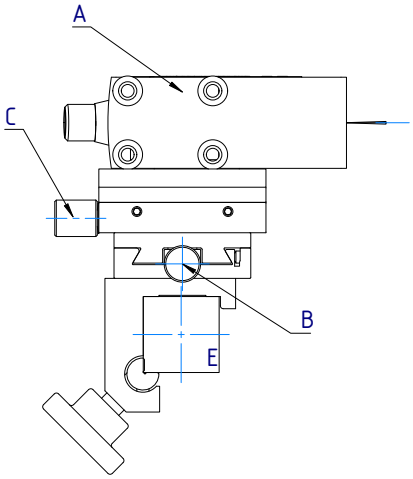
Dimensions in inches

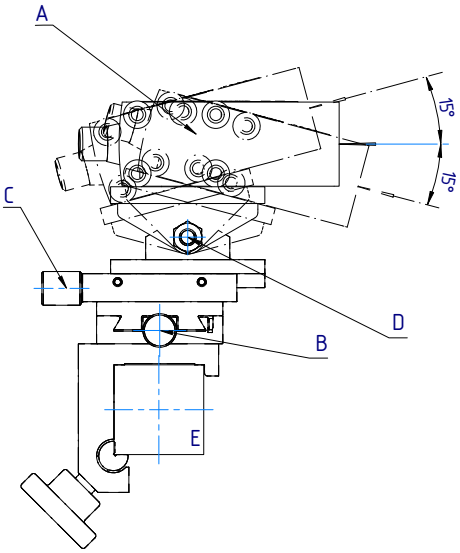
SENSOR BRACKET

1. Thread for mounting the sensor

A. DSE-26B sensor
B. Fine positioning (right/left)
C. Focus
D. Angle adjustment
E. Square rod







GLOBAL HEADQUARTERS
& AMERICAS

P +1-844-MAXCESS
F +1-405-755-8425
sales@maxcessintl.com

EUROPE
& MIDDLE EAST

P +49-6195-7002-0
F +49-6195-7002-933
sales@maxcess.eu

ASIA
PACIFIC

P +86-400-830-1898

asia.sales@maxcessintl.com

maxcess.com

RELATED PRODUCTS ASK US ABOUT:

Pair the SmartDrive Actuator with the Fife DSE-26B sensor for an easy-to-deploy closed-loop guiding system.