



A MAXCESS BRAND

The DSE - 26B is a visible white LED light sensor that can be used to guide to the center of a line or an edge. The sensor is compact and easy to install.

This sensor is capable of operating reliably on smooth, rough, matt or shiny web surfaces. The DSE - 26B can be used in applications that have low color contrast between the background and the printed line. One of the key features of the Fife DSE-26B sensor is its capability of detecting the edge of transparent plastic film.

Fife has a wide variety of sensor mounting brackets and positioning assemblies available for use with the DSE - 26B. This means the sensor can also be used at a 90° angle from standard.



General Specifications

Supply Voltage / Current

12 - 24 V, 150 mA

Output Signal

2 x 0 to 20 mA, 300 Ω max.
Digital data exchange via RS-485

Illumination

RGB LED

Light Spot Size

0.9 x 3.6 mm

Distance between sensor and material

9 to 17 mm (typically 13 mm)

Weight

100 g

Temperature Range

Operating: 0° to 60°C
Storage: 0° to 75°C

Relative Humidity

5 % to 85 %

Protection Class

IP 67

Climate Class

3K3 (EN60721)

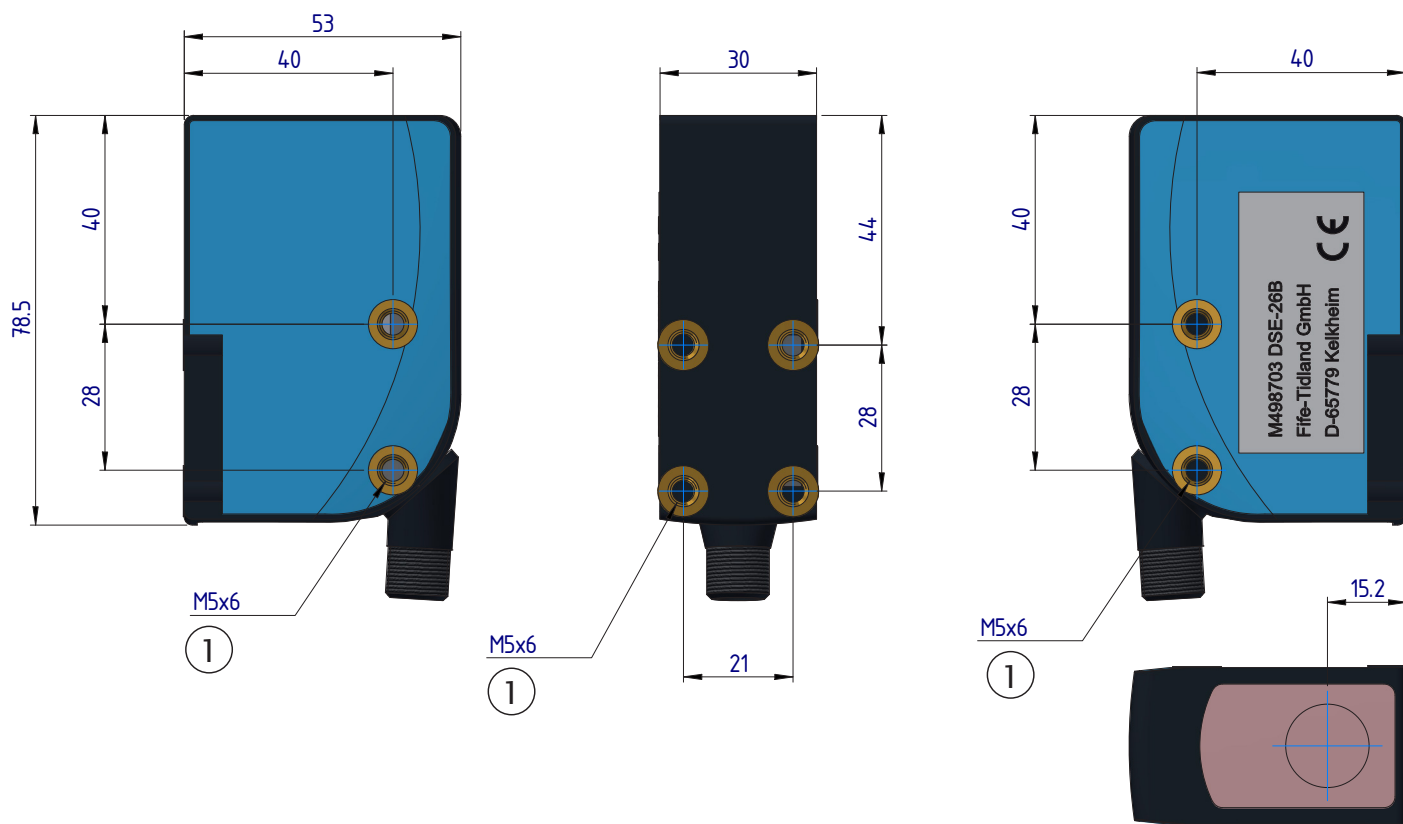
Pollution Degree

2 (IEC664-1)

Key Features

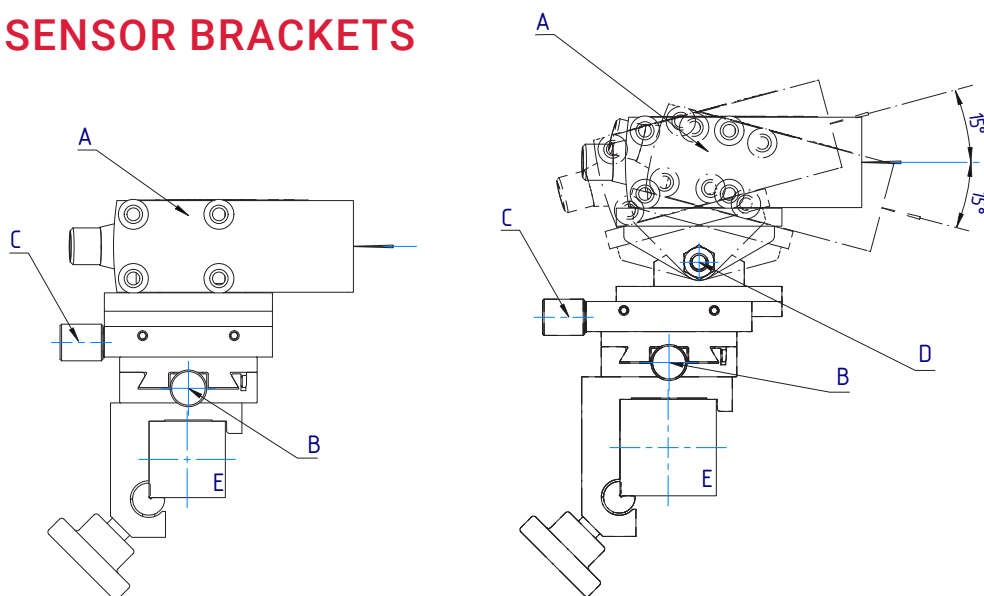
- Small, lightweight sensor for guiding to the center or edge of a line
- Especially good in applications where contrast between background and printed line is low
- Capable of detecting the edge of transparent plastic film
- Provides reliable operation for glossy, reflective, or shiny materials
- Electrostatic discharge protected
- LED light source provides 100,000 lifetime hours

DIMENSIONS



Dimensions shown in mm.

SENSOR BRACKETS



1 Thread for fastening the sensor

Global HQ & Americas

+1-844-MAXCESS

sales@maxcessintl.com

Maxcess Europe HQ
Fife-Tidland GmbH

+49 6195 7002 - 0
service@maxcess.eu

Maxcess Germany
RotoMetrics Deutschland GmbH

+49 6134 7262 - 0
sales@rotometrics.de

Web
maxcess.com

Shop
mymaxcess.eu
myroto.com