

### FIFE

# **DSE-26B Line Guide Sensor**



The DSE-26B line sensor operates with visible white LED light and can be used for line edge and line center guiding. The sensor has a compact design and is easy to install

This sensor is capable of operating reliably on smooth, rough, matte, or glossy material surfaces. The DSE-26B can also be used in applications with low color contrast between background and printed line. The DSE-26B is particularly suitable for detecting edges of transparent plastic films.

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



#### ☑ General Specifications

# Power Supply

12 - 24 V, 150 mA

#### **Output Signal**

2~x~0 to  $20~m\text{A},\,300~\Omega$  max. Digital data exchange via RS-485

#### Illumination

**RGB LED** 

#### **Light Spot Size**

0.9 x 3.6 mm

# Distance between Sensor and Material

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)

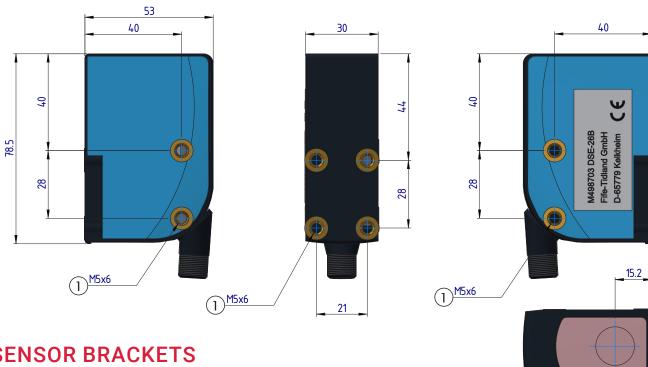
### **Pollution Degree**

2 (IEC664-1)

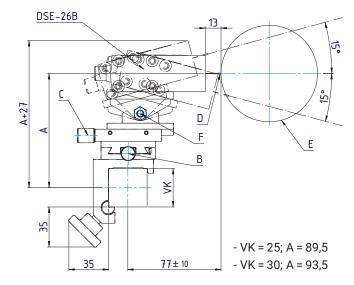
### ✓ Key Features

- Compact, lightweight sensor for line edge or line center guiding
- Especially suitable 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 lifetime hours

## **DIMENSIONS**



# SENSOR BRACKETS



DSE-26B D В - VK = 25; A = 69,5 35  $77 \pm 10$ - VK = 30; A = 73,5

- 1 Thread for fastening the sensor
- Distance between center of square bar and optical axis
- B Fine positioning (right / left)
- C Focus
- D Light
- E Support rod or roller

- F Angle adjustment
- VK Square bar

Dimensions in mm.

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