JEF3xx

Simple and fast check of fill levels

SICK
Sensor Intelligence.

Technical data overview

Application	Indoor
Integrated application	Level Control
Aperture angle	
Horizontal	≤ 45°
Angular resolution	1°
Working range	0.4 m ... 2 m
Scanning range	
At 10% remission	1.2 m
Scanning frequency	600 Hz ... 700 Hz
Ambient operating temperature	0 °C ... +40 °C
Ethernet	✓
Serial	✓
Digital inputs	2
Digital outputs	2
Weight	+ 250 g / + 320 g (depending on type)

Product description

JEF3xx is a 2D or 3D laser scanner which supports an easy approach to determining the fill level of containers, cartons, or pallets. Setup times are reduced by simply downloading a new configuration. Reliable detection with the laser means that there is no need for additional illumination.

At a glance

• 2D and 3D fill level control
• Simple download of new configurations
• Multiple I/O and interfacing
• Cloning functions for parameters are available

Your benefits

• One sensor solution reduces setup costs
• Downloadable configuration options in the machine reduce setup time and save money
• No additional illumination needed

Fields of application

• Counting and detection of goods in packaging machines
• Checking of filling levels in boxes or crates or pallets

Ordering information

Other models and accessories ➜ www.sick.com/JEF3xx

- **Integrated application:** Level Control
- **Scanning frequency:** 600 Hz ... 700 Hz
- **Application:** Indoor
- **Aperture angle:** horizontal (≤ 45°)
- **Scanning range:** At 10% remission 1.2 m
- **Enclosure rating:** IP65

Weight	Type	Part no.
+ 250 g	JEF300-00000	1056363
+ 320 g	JEF300-60000	1056364

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

WORLDWIDE PRESENCE:

Contacts and other locations –**www.sick.com**

SICK AG | Waldkirch | Germany | www.sick.com

SICK
Sensor Intelligence.