



# ULTRASONIC FORK SENSORS USGT

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## PRECISE EDGE GUIDING IN INDUSTRIAL ENVIRONMENTS

Our USGT calibrated ultrasonic fork sensors can be used to control web edges of a wide variety of formats. Analog positioning of web edges on transparent films and paper with different printings or colors are just two of the applications for which they are ideally suited. Even highly reflective surfaces cannot falsify the measurement signal.

The sensors are also characterized by high repeatability.

They are insensitive to dirt and have a robust metallic housing in a high protection class.

### Highlights

- Analog outputs with voltage or current for flexible integration
- Wide linearized analog range and high repeatability for precise web edge control
- Web edge control also with transparent materials
- Resistant to dirt

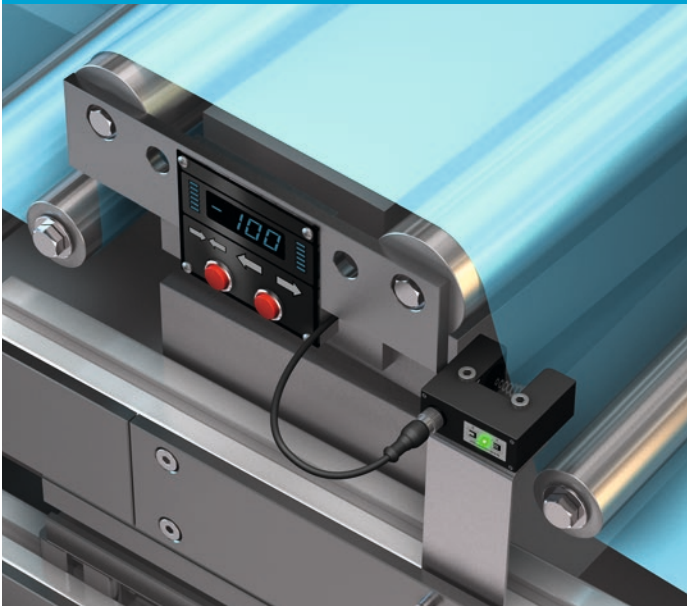


USGT	USGT 30/8 IU-B4	USGT 40/13 IU-B4	USGT 60/8 IU-B4	USGT 70/13 IU-B4
Dimensions (H x W x D)	74 x 65 x 30 mm	92 x 80 x 39 mm	104 x 65 x 30 mm	122 x 80 x 39 mm
Fork opening	30 mm	40 mm	60 mm	70 mm
Working range	8 mm	13 mm	8 mm	13 mm
Connection	M12 connector, 4-pin			

# USGT

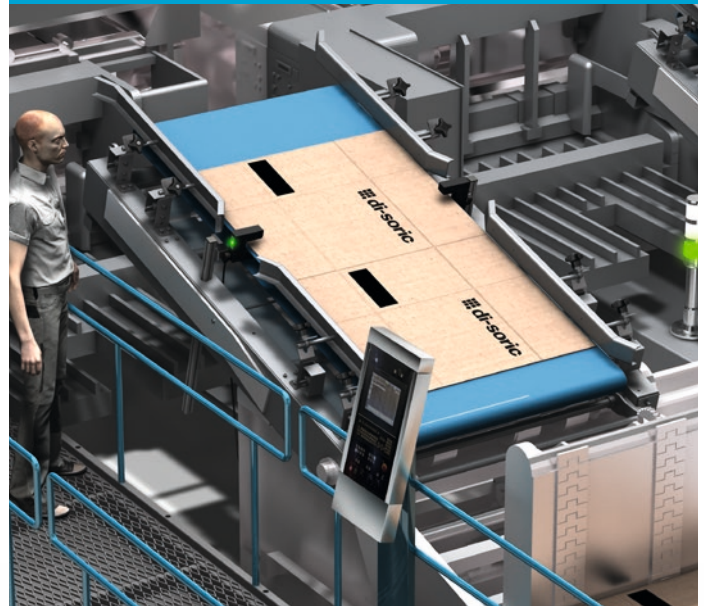
## APPLICATION EXAMPLES

### Web edge control in rotary frame



Fully integrated into rotating frames of a film tensioning machine element with its own small control system, the USGT can detect even transparent films and precisely control web edges.

### Web edge control in control in carton folding machine



The USGT can control edges with precision even in harsher environments such as carton folding machines. Abrasion and dust cannot impair the function of our USGT!

### Paper feed from a very large roll



In printing presses, our USGT units are used to precisely align the paper for the upcoming printing. Here, the USGT excels with its high linearity and repeatability.

### Tubular bag packaging machine



The USGT shows off all its skills for packaging in tubular bags. It is unfazed by different formats in terms of material and size or a wide variety of imprints or embossing.

**SOLUTIONS. CLEVER. PRACTICAL.**

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