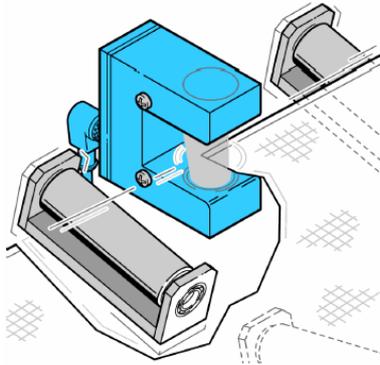# SENSEMASTER
Sensing and Heating Solutions

Ultrasonic web measurement with 0-10VDC output

Sensemaster now supplies a range of Ultrasonic Fork sensors with an analogue 0-10VDC output based on coverage. This sensor can be used for edge control and web guidance systems.

Because this sensor uses ultrasonic technology, the colour of the product is irrelevant, making it suitable for use on transparent foils and clear films.

This sensor provides high accuracy combined with temperature stability and is also suitable for use in contaminated air.
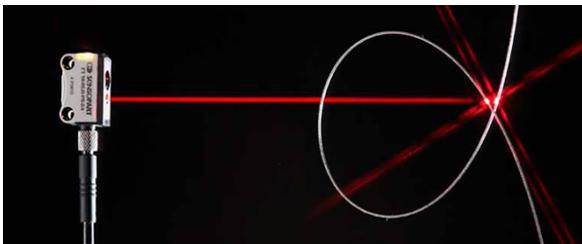
Jupiter removes static at 1.5m

The Jupiter anti-static bar provides very fast static decay performance - up to 5 times more powerful than leading competitors. The superior performance allows static removal for up to 1.5m. The Jupiter has an integral control system.

This unit also offers 'Intelligent Ionisation' - the emitter current is monitored and a feedback control system is employed to compensate for varying operational conditions and optimise performance accordingly. The Titanium emitters maintain optimal performance and are replaceable if worn or broken. These emitters are resistively coupled to the high voltage for shockless operation. Lengths available from 500mm up to 3m.

F10 - Small size, huge performance

The New F10 offers laser technology in a miniature 21 x 14 x 8mm^3 housing. The red light laser produces a very precise light spot, which is so sharp at long distances that even small parts can be reliably detected in the millimetre range – for example the proximity switch with adjustable background suppression can easily detect a wire with a diameter of 0.5mm at a distance of 60mm.

The very bright light spot, which is clearly visible even in daylight, assists alignment and represents absolutely no danger as the sensors are Laser Class 1.

The F10 series is available in through beam, retro-reflex and diffuse background suppression. The small size and weight make it suitable for tight spaces and moving machine parts. The sensor comes with an M5 connector for simple connection and a dovetail mount for easy adjustment.

IP69K light curtains, measuring wheels and PC controller configuration

SENSEMASTER
Sensing and Heating Solutions

IP69K light curtains and Barcode readers

A new range of IP69K light curtains is now available for wash-down applications. The SG-IP69K accessory to the Datalogic SG2 and SG4 series light curtains is particularly useful in areas of high humidity and CIP cleaning. This makes it ideal for use in the food and beverage industry.

The light curtain tube is made of PMMA acrylic, allowing the same performance and alignment as a traditional light curtain. The Gore-Tex membrane on the end caps prevents water or dirt entering, as well as internal condensation.

Datalogic Barcode readers are also available with the same style IP69K enclosure, offering unrivalled protection.

Measuring Wheel encoder for conveyor speed

Sometimes it is not technically feasible to install an encoder straight on the end of an axle to detect the speed of a conveyor belt. Any slip occurring on the belt may cause measuring errors, or additional equipment may have to be purchased to provide a feedback system to synchronize the conveyor with the original axle speed.

The Baumer MA20 measuring wheel encoder is a two-in-one device, combining a high-resolution optical incremental encoder and a precision measuring wheel with a suspended arm bracket.

16 predefined resolutions between 100 and 25,000ppr can be conveniently selected using the HEX switch. Thus, the multi-purpose device covers varied application requirements which will keep product variety and inventory costs at a minimum. The continuously adjustable contact pressure ensures reliable surface contact without slip, even in alternating application conditions.

The wear-resistant measuring wheel with 200mm circumference is available with various rubber materials to ensure optimal adhesion to the material. The pivoting, height-adjustable arm bracket allows for quick and easy installation.

PC configuration of EZ-ZONE controllers

The EZ-ZONE Configuration software allows WATLOW controllers to be configured in one simple process via your PC. The software uses standard bus communications protocol that is included with all EZ-ZONE products.

The controller settings can be saved for recovery, or downloading to multiple controllers. Settings can be emailed or made available to other users on a network.

Next time you need to replace a device, just download the settings to your new controller and you are ready to go!!

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