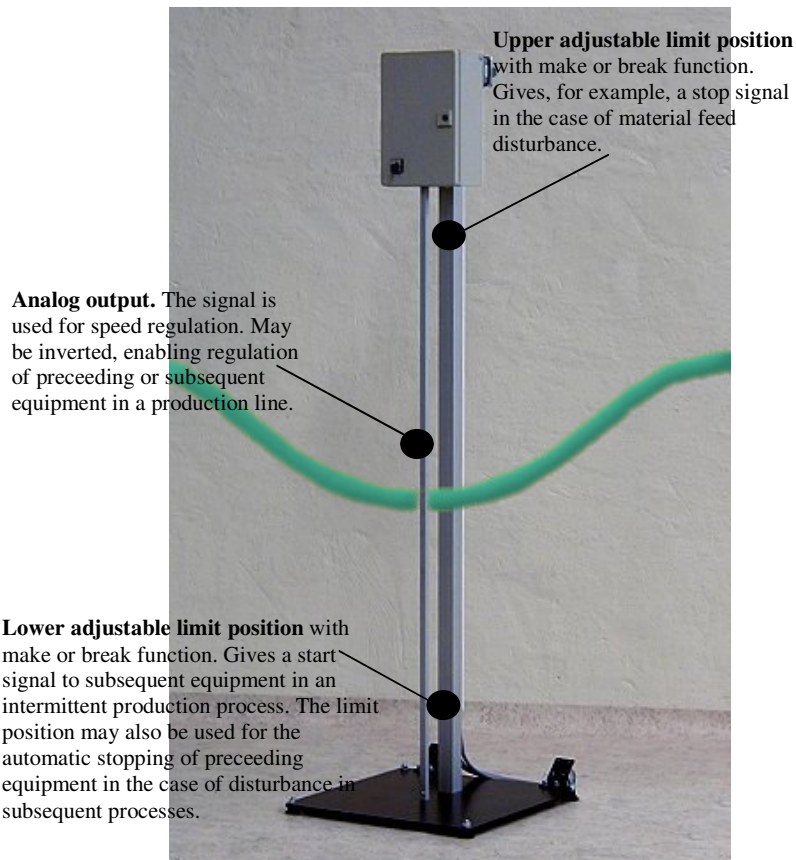


Ultra Sonic Sensor

FLERON 
automation

FA 895 Mk4



FA 895 Mk4

is a wholly electronic, contact-free sensor. As a loop sensor it replaces electromechanical sensor arms as well as photocell sensors. It does not interfere with the profile or the track and does not suffer from mass inertia.

The equipment can deliver three different output signals derived from the measured distance.

FA 895 Mk4

can be used in following applications:

- Control of cutting process in an extrusion line or a separate cutting line.
- Control of winding, unwinding and rewinding.
- Synchronisation of individual sections in a continuous production process.
- Level regulation.
- Monitoring.

FA 895 Mk4

is delivered complete with stand and cables with plugs.

Cutting machines and other cutting line equipment can also be supplied from the **Fleron** product-range.

TECHNICAL DATA FA 895 Mk4

MEASURING SECTION

Measuring principle	Ultra sound
Frequency of measurement	5 per second
Range of measurement	550-2000 mm or 550-1450 mounted on stand
Resolution	1 mm
Moderation	0-100 %

LIMIT POSITIONS

Number of positions	2
Function	Make or break (programmable)
Type	Semiconductor, galvanic protection
Voltage	Max. 30 VDC
Current	0,5 A short circuit protected
Voltage drop	Max. 2 V
Adjustment	Stepless

ANALOG OUTPUT

Input signal

Reference value	0-10 VDC (Max. 15 V)
Input current	10 μ A

Output signal

Reference value	10-100 % of the input signal
Max. load	2 kOhm short circuit protected

Functions

Zero point	Adjustable between 0-60 % of selected
Inversion	The output signal may be inverted with a
Other	Galvanic protection

GENERAL

Mains voltage	115/230 VAC, 1 Ph, 50/60 HZ
Power consumption	17VA
Casing	Steel, EMC-sealed
Instrument dimension	Width 200, depth 170, height 300 mm
Dimensions incl. stand	Width 500, depth 600, height 1720 mm
Weight	35 kg
Subject to alterations	

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