

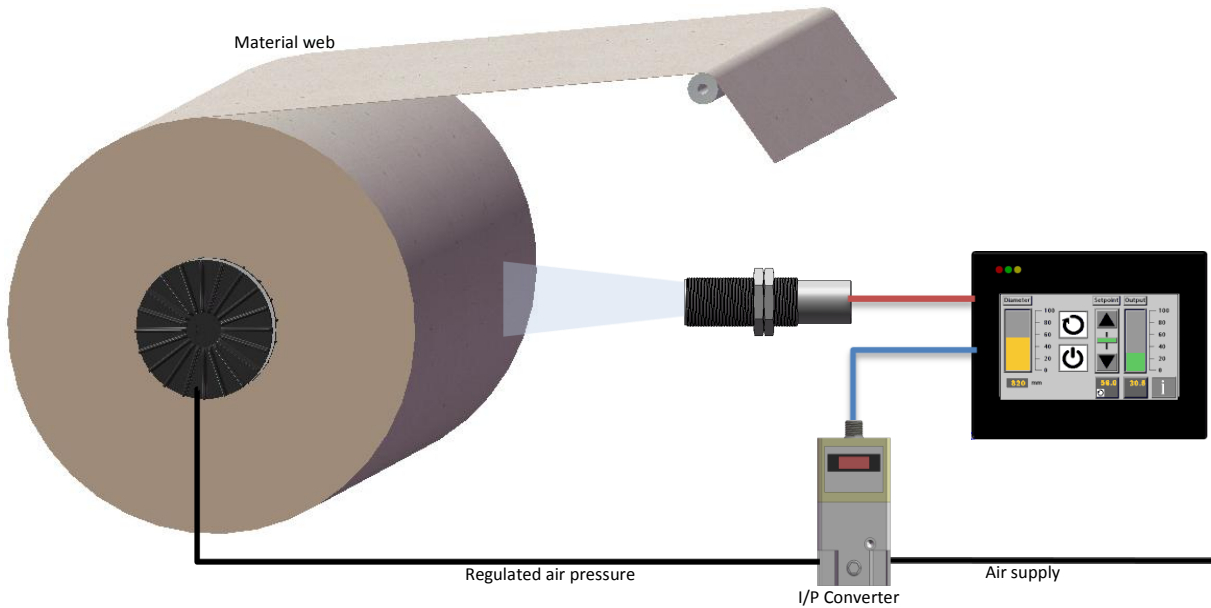
OWECON OWC110 Ultrasonic Tension Control System



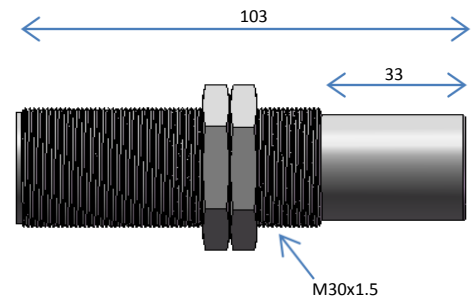
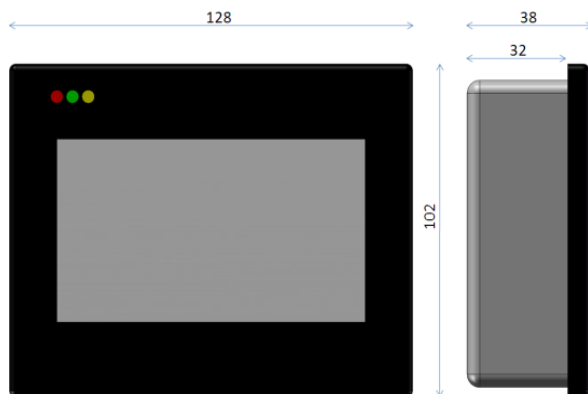
The OWECON ultrasonic web tension control system OWC-100 is part of the new generation of digital controllers .

- ✓ The human machine interface OWC-HMI10 is available in a build in box version - and for cabinet installation, has a 4,3" TFT 256 color 480 x 272 pixel touch screen giving an ideal operation and process supervision platform.
- ✓ The ultrasonic sensor OWC-US10 is an long detection range sensor and is designed to meet the request for easy installation.
- ✓ The digital high performance I/P converter transfers the controllers signal into a smooth adjustment of the web tension.
- ✓ All the system is based on well proved, long lasting and reliable units.
- ✓ Price / performance effective.

Typical application:



Dimensions (mm):



Technical Data:

OWC-HMI10 User Interface

Supply.....24 VDC nominal (15-30 VDC @ 150 mA)
 Installation categoryII (IEC 664)
 Noise ImmunityEN 50082-2 industrial
 Noise Emission.....EN 50081-1
 Temperature range (operating).....0 to 50° C
 Temperature range (storage).....-10 to 80° C
 Material fire Classification.....94 VO
 Degree of Protection.....IP54
 Designed to meet EN 60204 and UL 508

OWC-US10 Ultrasonic-Sensor

Supply.....24V VDC nominal (15-30 VDC @ 150 mA)
 Maximum Power Consumption.....2,5 VA
 Noise ImmunityEN 50082-2 industrial
 Noise Emission.....EN 50081-1
 Regulation Output.....4-20 mA RL=0 - < 500 Ω
 Communication.....Modbus RTU
 Detection range130 to 2000 mm
 Blind range.....0 to 127 mm
 Temperature range (operating).....0 to 50° C
 Temperature range (storage).....-10 to 80° C
 Material fire Classification.....94 VO
 Degree of Protection.....IP54

Ordering info for OWC-110 Ultrasonic Tension Control System:

<u>Type</u>	<u>Description</u>	<u>Item</u>	<u>Order</u> <input checked="" type="checkbox"/>
OWC-110	Ultrasonic tension control system complete Consisting of: OWC-HMI10 User interface, 4.3" TFT Touchscreen - 480x272 Pixel, in box OWC-US10 Ultrasonic Sensor, 4-20mA, incl. cabel w. plug/5m	31100101	<input type="checkbox"/>

Accessories:

	Standard bracket for OWC-US10 Sensor, stainless	90003013	<input type="checkbox"/>
	AF Filter for use w. OWP-120 / 220	90004001	<input type="checkbox"/>
OWP-120	I/P Converter 4-20mA, 0-6Bar for brakes and clutches	41200100	<input type="checkbox"/>
	Cable standard 5m/4 pole 2 plugs, straight + L-plug	90080011	<input type="checkbox"/>
OWP-220	Pneumatic Interface Box, 4-20 mA, 0-6 Bar	42200100	<input type="checkbox"/>
	Cable standard 5m/4 pole 2 plugs, straight	90080012	<input type="checkbox"/>
	Cable standard 5m/4 pole 2 plugs, straight	90080013	<input type="checkbox"/>