

US-400S Series Ultrasonic sensor



Ultrasonic sensor applies the principle of high frequency ultrasonic linear transmission to detect the edge of the material, comparing to photoelectric sensor, it will not be affected by the transparency of the materials. Thus it is very convenient and no need to adjust. It is suitable for edge application of opaque material (such as plastic film, paper etc. and transparent material, such as cloth, but not for non-woven fabrics.).

Key technical parameters

Tracking method	Edge tracking
Power input	DC12V
Output signal	one-way analog 0-5V two way switch signal
Detecting range	6mm (± 3.0 mm)
Detecting precision	± 0.05 mm
Housing material	Aluminum alloy
weight	250g

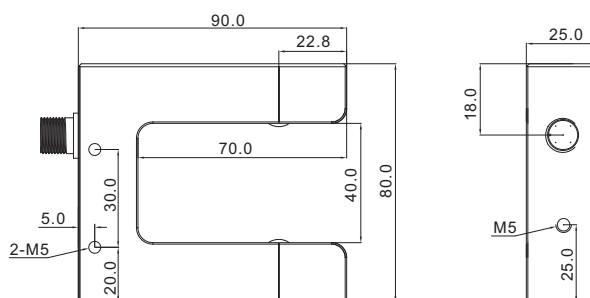
Functions and features

- 1.Support 1 way analogue/2 way on-off output
- 2.Suitable for all air impermeable materials (such as transparent film,paper etc.)
- 3.No need for manual calibration.
- 4.200K ultrasonic correlation
- 5.0.05m/s response time
- 6.Detecting range:6mm, detecting precision: 0.05mm
- 7.With own offset display

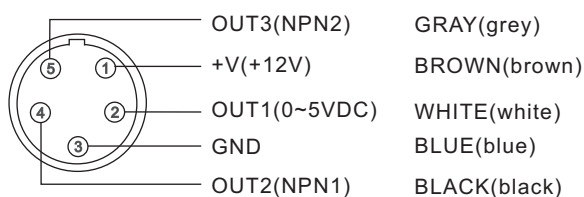
Operation procedure: 3 status options offered for different accuracy needs, yellow and red light flicker after complete material correction

- 1.Press "SET" 7 seconds until middle blue light flickers (status 0.5mm)
- 2.Press "SET" once, two yellow lights flicker (status 1.0mm)
- 3.Press "SET" once, two red lights flicker (status 2.0mm)
- 4.Press "SET" on any of the above 3 status for 6 seconds to store and exit

Dimension



Cable connection interface



Guarantee: 12months

JL Electronic CO.,LTD., Longyou, Zhejiang

Add: No.465 Renmin in South road, Lingjiang industrial Zone, Longyou county, Zhejiang Province, P.R.China

Tel: +86(0)570 -7251076 Fax: +86(0)570 -7251079

Mail: lyjardz@126.com Internet://www.JL-sensor.com