

SLOT TYPE ULTRASONIC SENSOR

Description:

Ultrasonic web guiding sensor based on high frequency ultrasonic linear transmission of sound waves to the edge of the material.

So it will not be affected by the transparency of the materials.







Suitable for edge tracking of rolling of opaque and transparent thin film materials those are not air permeable.

High stability and accuracy is guaranteed together with robustness.

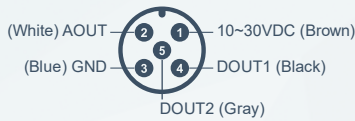
No need for manual calibration.



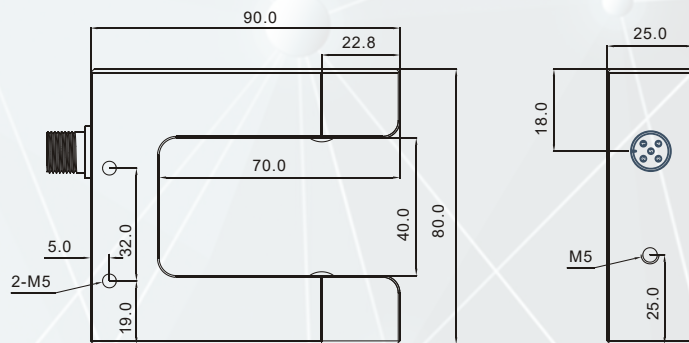
Precision Setting:

- 1- Press  button longer than 7 seconds, and blue led will flash  (precision: 0.5 mm.)
- 2- Give a short press on , to select different precision each time,  (precision: 1.5 mm.) leds will flash and  (precision: 1.5 mm.) leds will flash.
- 3- Press longer than 6 seconds  to save the setting and exit.

Cable Connection Diagram:



Dimensions (mm.):



Technical Specifications:

Tracking Method	: Edge Tracking	Power Supply	: DC 10~30V - 70mA
Detection Method	: Ultrasonic Opposite Waves	Analog Output	: 0~5V
Detection Range	: 6 mm. (±3 mm.)	Digital Output	: 2 * NPN
Detection Accuracy	: 0.05 mm.	Weight	: 250 g.
Detection Response	: 1 msec.	Protection	: IP54
Ultrasonic Correlation	: 200K	Environment Condition	: -10~80°C below RH %80
		Body Material	: Aluminium Alloy