

# Ultrasonic edge sensor V5CS-400 series



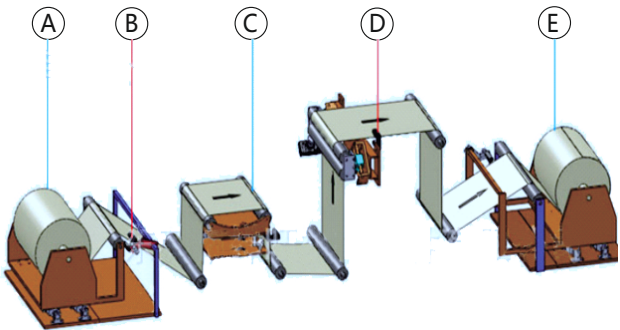
## Highlights

- 0-5VDC analog output;
- 2 switching output;
- It is suitable for edge tracking application of transparent, opaque and airtight film materials;
- There is no need to adjust the calibration manually;
- 0.5ms reaction time ;
- Sensing range 6mm, detection accuracy 0.05mm ;
- With offset display;
- High grade aluminum alloy shell, solid and beautiful;



## Correct offset principle

- A : Unwinding correct offset
- B : Sensor
- C : DF Guiding mechanism
- D : SF Guiding mechanism
- E : Roll up correct offset

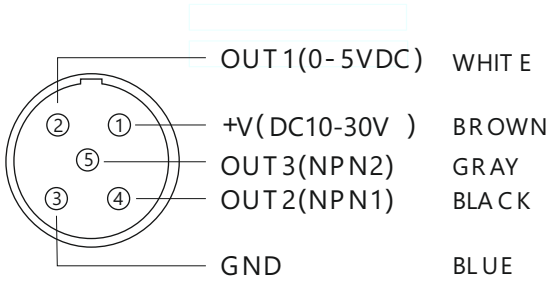


## Product parameters

Product	Ultrasonic edge sensor
Model	V5CS-400N
Power voltage	DC10-30v
Output signal	0~5V & dual switching output
Sensing range	6mm
Detection accuracy	±0.05mm
Reaction time	0.5ms
Sensing mode	Ultrasonic through beam
Tracking mode	Edge tracking
Carrier frequency / response frequency	100KHz/1KHz
Shell material	aluminium alloy
IP level	IP54

Material for target object	Ultrasonic edge sensor	Photoelectric edge sensor
Transparent film	√	transparency <90%
Opaque film	√	√
Paper	√	√
Foil	√	√
Sheet metal	√	√
Fabric		√
Cloth / breathable material		√

## I / O circuit diagram



## Dimentions

