

VEHICLE POSITION SENSOR

CCS-SC950A100

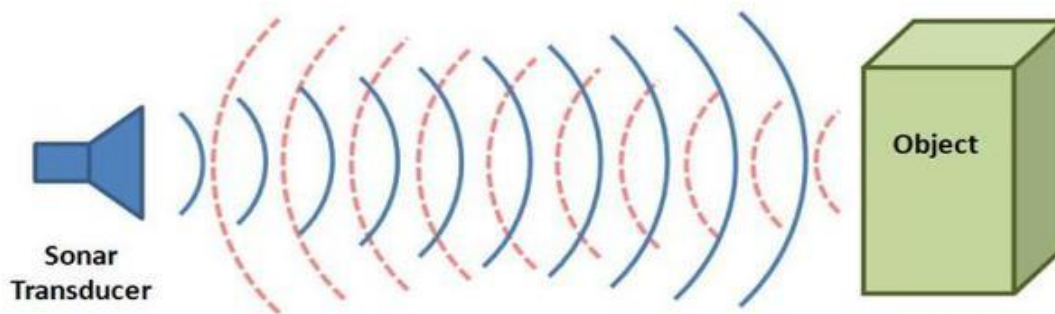


What is the Vehicle Position Sensor:

- The Vehicle Position Sensor is used to determine when the vehicle first lands on the belt and is used as an input to the PLC to change the entrance module screen and signal the voice commander to say “Please place the car in neutral”

How Does it Work:

- The sensor is an ultrasonic proximity sensor, that means it sends out a high-frequency sound pulse and then times how long it takes for the echo of the sound to reflect, the longer it takes the farther away the object is.

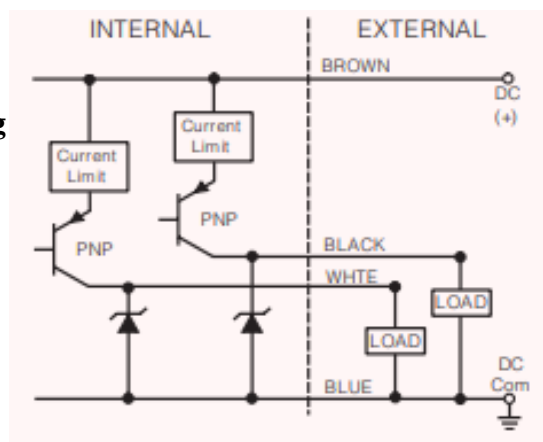


Basic sonar illustration – a transducer generates a sound pulse and then listens for the echo.

Helpful Information:











- Make sure the sensor stays clean and dry as often as possible, water on top of the sensor can block the ultrasonic waves from transmitting properly. Often tilting the sensor on a slight angle will help with keeping the sensor dry.

Standard Ultrasonic Wiring



- The vehicle position sensor input should light up when a vehicle is over the sensor when everything is working properly

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Input Terminal #	Input Description	Status
011	Pulse Switch #2	
012	Enter Sensor Gate	
013	Enter Sensor Truck	
014	Pause Button	
015	Phase Monitor	
016	Load Wash Pushbutton	
017	Roller Raise Pushbutton	
018	← vehicle position sensor →	
019	vacuum west start	
020	vacuum east start	

cont



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* Prices subject to change without notice and do not include tax, shipping, or installation



Superprox Ultrasonic Proximity Sensor

Part Number: CCS-SC950A100

Description: Superprox Ultrasonic Proximity Sensor and Cord

Site Map: Tommy Store > Guardian / Wash Command > Sensors

Price: \$859.66

Detailed Description

Superprox Ultrasonic Proximity Sensor and Cord. Eye to use with Kesseltronic box. Also used for current tire sensors and vehicle position sensor.

Specifications

- Type : Ultrasonic Sensor - discrete
- Size : 30 mm barrel
- Input : 12-24 V DC
- Width : 34.7 mm
- Length : 96 mm
- Product Weight : 0.9 kg
- Nominal Sensing Distance : 1 M

