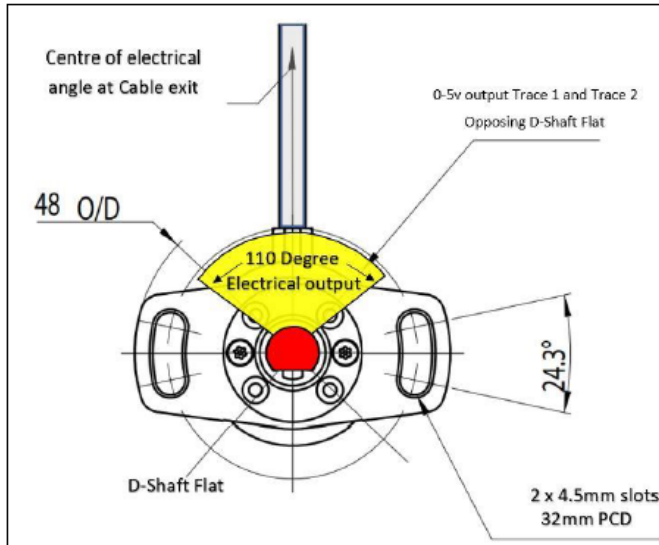


For Drive-By-Wire (DBW) throttle applications with Tilton Pedal Boxes, Racer Industries offers the RP-TILTON-DBW sensor. The following guidance is provided:

1. For optimum resolution the DBW pedal sensor provides 0-5v output over a 110 Degree angle of rotation.
2. The orientation of the cable exit is important to achieve the correct sensor output.
3. The Sensor has two separate Channels, both with the same output range.

CH1 is 0-5v Clockwise while CH2 is 0-5v Counter clockwise. For use in non-DBW applications only one channel is required.



Sensor Properties		
Mounting hole centres:	32MM	
Housing OD:	28mm	
Drive Shaft:	8mm D	
Electrical Angle:	110 Degree	
Supply Voltage:	5v	
Wire Colours:	CH1	CH2
5v Supply:	Red	Green
Output Signal:	White	Yellow
GND (0v):	Black	Blue

The following images identify the correct installation with the two most common Tilton Pedal Box DBW applications, pay particular attention to the cable exit from the RP-TILTON-DBW sensor:

### For use with the 72-692 Adapter

Suits 600 and 800 series floor mount (non-underfoot) pedal assemblies.



### For use with the 72-794 Adapter

Suits 600 and 800 series underfoot pedal assemblies.

