

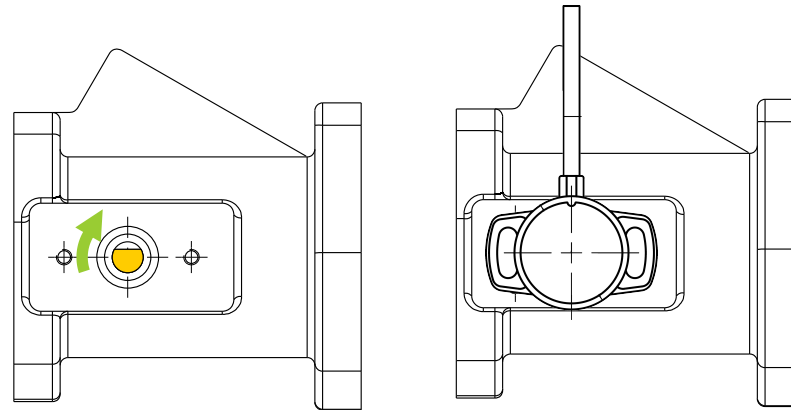


**Channel 1**

Green		+5V
Yellow		Signal
Blue		Ground

**Channel 2**

Red		+5V
White		Signal
Black		Ground



D-SHAFT ORIENTATION AT  
CLOSED THROTTLE  
(FLAT AT TOP OF SHAFT)

TPS MOUNTING ORIENTATION

**SENSOR OUTPUT VALUES**

Channel 1	Angle	Volts	% Of signal
MIN	0	0.25	5%
MAX	110	4.75	95%
Channel 2	Angle	Volts	% Of signal
Min	0	4.75	95%
MAX	110	0.25	5%

**SENSOR SPECIFICATIONS**

Closed Throttle -	1.2V Nominal
Open Throttle -	4.2V Nominal
IP Rating -	IP68 (minimum)
Operating Voltage -	5V +/-0.5V
Typical Life Cycle -	>50 million movements
Electrical Cable -	Raychem Spec 55, 24 AWG
Electrical Cable Sleeving -	Raychem DR25

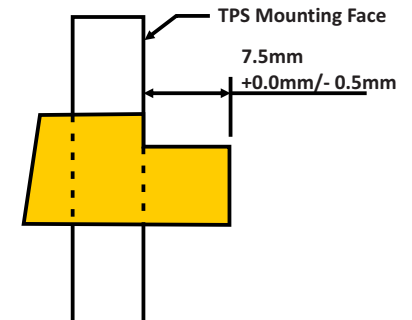
**D-SHAFT SPECIFICATIONS**

It's extremely important for reliable operation of this TPS that the D drive is a firm fit into the D receptacle in the Throttle Position Sensor.

**D-Shaft Detail End View:**



**D-Shaft Detail Side View:**



**D-SHAFT WEDGE**

If the D on your shaft is less than 6.0mm, you must use the supplied 0.2mm shim to pack the flat of the D for positive shaft to sensor engagement.

If required, put a kink in the shim to increase engagement

