



S1 Sequential

## Rotary position sensor

This rotary position sensor will return an analog signal ratio metric to supply relative to the angle of the applied magnetic field. These are sold without the sensor magnet which is already installed in our shifters. Care should be taken when installing these sensors as they only have limited reverse/ overvoltage protection. It is that required that the installer has the appropriate knowledge to complete the job, if you don't know what the table below means and cannot use a multimeter to test voltage and resistance it is best to get this job done by a professional.

### Features

- Cnc aluminium case
- Shielded 24 awg etfe wiring
- Epoxy encapsulated
- 38mm mount spacing (4mm holes)
- 0-5V proportional output.



#### Wire colours

-  Ground
-  5V
-  Signal out

Operating conditions	Value
Supply voltage	4.5-5.5V
Supply current	16 mA
Output current	8 mA
Output short circuit current	15mA
Absolute maximums	Value
Supply voltage	+20V
Reverse voltage	-10V
Analog output wire	+10V continuous or 14V for 2 minutes
Output current	+/- 30mA
Temperature	-40 to + 150°C