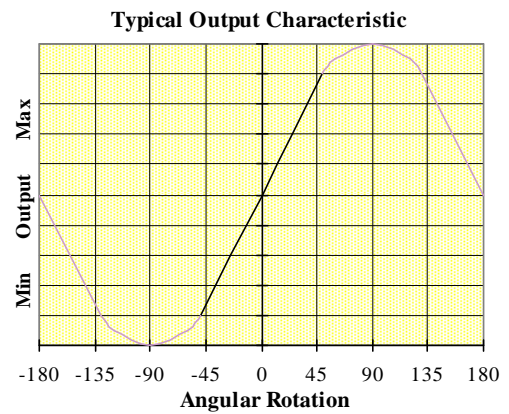
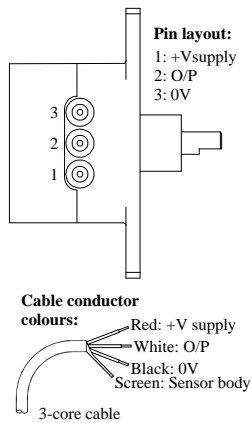


Installation Information

RIPS® 501 Miniature Rotary Sensor



Electronics Option							
Output Description:	Voltage ratiometric with supply						
Supply Voltage (Vs):	5±0.5V						
Output:	0.5 to 4.5V						
Load resistance:	2kΩ min						
Load connected to:	0V						

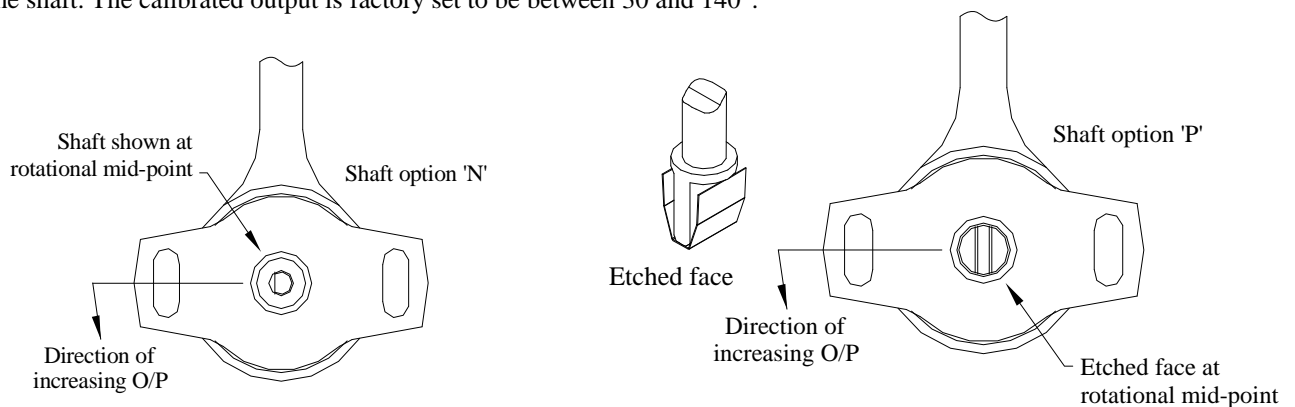


Mechanical Mounting:

By slots in flange option or appropriate clips for servo mount option. The sensor should be mounted with minimal axial and radial loading on the shaft for optimum life. It is recommended that the shaft is coupled to the drive using a flexible coupling.

Output Characteristic:

The sensor has full rotational freedom and two sectors, 180° apart, over which linear response can be achieved. At the mid point of the calibrated range the output signal will be 2.5V, and the flat on the shaft is aligned with the registration mark in the base of the sensor. In the calibrated range the output increases as the shaft is rotated in an anti-clockwise direction viewed from the shaft. The calibrated output is factory set to be between 30 and 140°.



Incorrect Connection Protection levels:-

Not protected – the sensor is **not** protected against either reverse polarity or over-voltage. The risk of damage should be minimal where the supply current is limited to less than 50mA.

For more information, please contact:

Everight Precision Technologies Corporation
 102 Commerce Dr., Unit 8, Moorestown, NJ 08057
www.everightsensors.com info@everightsensors.com
 phone: 856-727-9500 fax: 610-672-9663

