

Penny + Giles uses the latest and most innovative mechatronics disciplines to produce the SRH500P - it's most rugged, configurable contactless Hall effect rotary sensor to date.

This hugely robust new sensor, designed for use in harsh environments, sits within the all new SRH series, upgraded for more extreme performance. The **SRH500P** features a 12bit processor and offers 0.025% measurement resolution for high precision monitoring under conditions of extreme temperature, humidity, vibration, shock and immersion.

Where the most accurate measurement is demanded for steering, suspension and position sensing, **SRH500P** is the solution, particularly 'on-vehicle' for municipal, agricultural and construction applications.

- Single (SRH501P)/dual (SRH502P) redundant analogue or digital (PWM) outputs
- Total sensor measurement range from 20° up to 360°
- 12 bit resolution over selected measuring range
- Low, low noise level (1mV rms) on output signal
- Environmental protection to IP69K
- Operating temperature range -40° to +140° C
- Enhanced OEM measurement options non-linear and switched outputs, clamp voltage levels



SRH500P

CONTACTLESS ROTARY SENSOR

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