# Variohm XP2800 Non-Contact Rotary Position Sensor 100 Degree



**Brand:** Variohm

Product Code: VARXP2851-710-221-102

Phone: +613-8743-5550 - Email:

sales@compsystems.com.au

Availability: 10 Weight: 0.10kg

**Dimensions:** 5.00cm x 5.00cm x 2.00cm

Price: \$385.00

#### **Short Description**

Non-contact (hall effect) rotary position sensors that offer superior reliability and signal quality even in harsh high vibration environments due to the absence of mechanical connections.

### Description

Features include:-

Temperature range up to 125 degrees C (short term 150)

Redundant Output

Sealed to IP65 (option IP67)

Programmable angles upto 360 degrees

## Specifications Electrical Data

Measuring Range 100 degrees Independant Linearity (measured range) +/-0.3% Repeatability 0.1 degree Max Hysteresis 0.1 degree Resolution 12 Bit Redundant optiont Yes availability Sampling rate 5kHz Supply Voltage 5Vdc (options available) Output Voltage 0.5 - 4.5Vdc

### **Mechanical Data**

Mechanical Range 360 continuous
Max Starting Torque 3Ncm
Max Rotating Speed 120 rpm
Protection class IP65 (option IP67)
Life expectancy (min) 50 million cycles
Temperature Range 125 degrees C
(short term 150)

### **Applications**

Throttle Position in harsh motorsport environments.