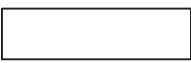









Dual Output Variable Reluctance Speed Sensors (VC)

| CASE TYPES | DESCRIPTION | A |
|---|------------------|---|
|  | SMOOTH | 0 |
|  | ALL THREAD | 1 |
|  | HEX HEAD | 2 |
|  | KNURL HEAD | 3 |
|  | CONNECTOR HEAD | 4 |
|  | WRENCH FLAT HEAD | 5 |
|  | SMOOTH / THREAD | 6 |
|  | WITH FLANGE | 7 |

Target: Ferrous Material Gear Tooth with range of
Min 1 tooth or slot to the Max 32 Gear Pitch

$$P = \frac{N + 2}{OD}$$

P = Gear Pitch
N = Num. of Teeth
OD = Outside Diameter

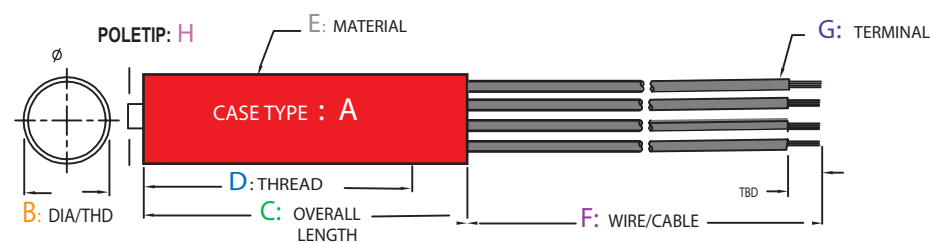
Output Type: Dual Outputs: Analog (Sine Wave)



$$\text{Surface Speed (IPS)} = \frac{\text{RPM} \cdot \pi \cdot D}{60}$$

$$0 \text{ to Peak voltage} = \text{Peak to Peak} \times 0.5$$

$$\text{RMS} = \text{Peak to Peak} \times 0.35$$



STANDARD PRODUCT LIST

| Product P/N | MECHANICAL SPECIFICATIONS | | | | | | | ELECTRICAL SPECIFICATIONS | | ENVIRONMENT | |
|-----------------------------|---------------------------|---------|------|------|---------|----------|---------|---------------------------|-----------------|---------------------|------------|
| | A | B | C | D | E | F | G | H | COIL RESISTANCE | TEMPRETURE RANGE °C | |
| 5/8" Diameter Series | | | | | | | | | | | |
| VC160-100 | 1 | 5/8-18 | 3.06 | 3.06 | 303 S.S | 3.25±.25 | 20 AWG | Tef. Wire / Conn. | 0.188 | 180±20% | -40 to 105 |
| VC260-100 | 2 | 5/8-18 | 3.31 | 3.0 | 303 S.S | 16± 1.0 | 16 AWG | SXL Wire / Conn. | 0.187 | 500 | -65 to 105 |
| 3/4" Diameter Series | | | | | | | | | | | |
| VC570-300 | 5 | 3/4-16 | 2.64 | 2.14 | 303 S.S | 13± 1.0 | 18 AWG, | SXL Lead Wire | 0.187 | 180±20% | -40 to 105 |
| M18" Diameter Series | | | | | | | | | | | |
| VC218-100 | 2 | M18x1.0 | 3.70 | 3.40 | 303 S.S | 16±1.0 | 16 AWG, | SXL Wire / Conn. | 0.187 | 500 | -65 to 105 |