

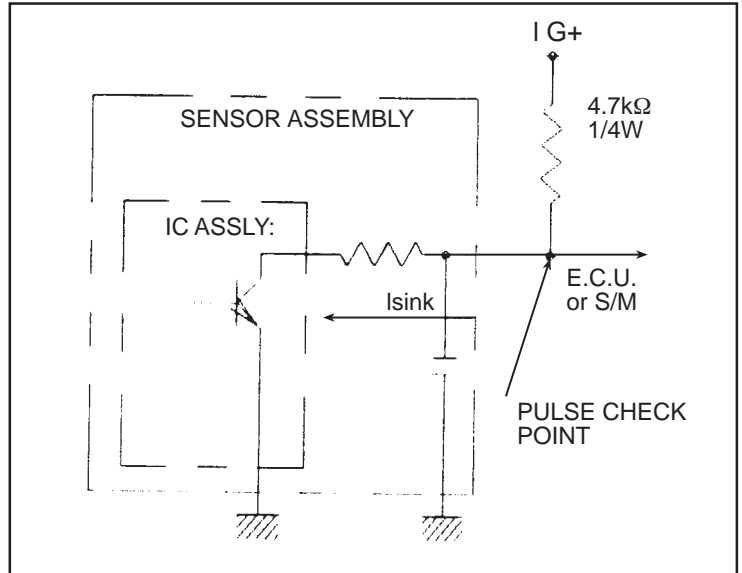
Robinson Instrument Services (1998) Ltd

19 Sale Street, Auckland 1030, New Zealand.
 P.O. Box 90-104, Auckland Mail Centre, New Zealand.
 Phone: +64.9.377-1565 Facsimile: +64.9.358-0573
 Email: robinson.inst@xtra.co.nz
 Web: www.robinsoninstruments.co.nz

◆ SPEED SENSOR



◆ CIRCUIT DIAGRAM



◆ SPECIFICATION

| | |
|-------------------------|------------------------------|
| USEFUL Temp. RANGE | -30°C ~ +150°C |
| USEFUL Rev. RANGE | 0 ~ 3500 RPM |
| USEFUL Volts RANGE | 6V ~ 32V |
| CONTINUITY CURRENT SINK | $I_{sink} = 20\text{mA MAX}$ |
| OUTPUT PULSE TYPE | OPEN COLLECT NPN |

| ITEMS | | SPEC. |
|----------------------------|----------------------|---------------------------------------|
| OUTPUT PULSE | (Ton/T) x 100 | (DUTY 50 ± 20%) |
| | HIGH LEVEL : | $V_{oh} (V_{cc} - 0.9) \text{ V MIN}$ |
| | LOW LEVEL : V_{ol} | 1.5V MAX |
| | RISE TIME : T_r | 300 $\mu\text{s MAX}$ |
| | FALL TIME : T_f | 200 $\mu\text{s MAX}$ |
| OUTPUT PULSE | | 8 PULSE/REV |
| DRIVE TORQUE (25 ± 10°C) | | 500GF - cm MAX |
| OUTPUT CURRENT : I_{out} | | 6mA MAX |

◆ OVERALL DIMENSIONS

