



**Specifications 規格**

|                                 |  |                                    |
|---------------------------------|--|------------------------------------|
| Type<br>型式                      | Thru-beam<br>透過式   |                                    |
| Model<br>型號                     | RL-300N(NPN)<br>RL-300P(PNP)                                   |                                    |
| Detecting distance<br>檢出距離      | 0~3000mm   |                                    |
| detectable object<br>檢出物體       | opaque materials<br>不透光材質12mm以上                                |                                    |
| Hysteresis<br>應差                | -----  |                                    |
| Response time<br>應答時間           | 5ms max以下  |                                    |
| Light source<br>光源              | Infrared LED<br>紅外線LED   |                                    |
| Power supply<br>電源電壓            | 10~30V±10%   |                                    |
| Current consumption<br>消耗電流     | Transmitter (發射器) 35mA max (以下)<br>Receiver(接收器) 25mA max (以下) |                                    |
| Control output<br>檢出出力          | NPN or PNP:100mA max(最高)                                       |                                    |
| Sensitivity adjustment<br>靈敏度調整 | 1-turn trimmer(240°)<br>一圍調整(240°)                             |                                    |
| Indicators<br>指示燈               | output:Red LED<br>輸出:紅色LED                                     | Power supply:Green LED<br>電源:綠色LED |
| Enclosure rating<br>保護級         | IP66   |                                    |
| Ambient light<br>使用環境照光度        | Incandescent lamp:3000lux, Sunlight:10000lux max<br>(白光)(太陽光)  |                                    |
| Ambient temperature<br>使用溫度範圍   | -20 To 55°C  |                                    |
| Housing<br>外殼                   | ABS(塑膠)  |                                    |
| Weight<br>重量                    | Transmitter Appros .45g (發射器)<br>Receiver Appros .50g(接收器)     |                                    |

