

## BD200

### Microwave Sensor



#### Technical specification

|   |   |
|---|---|
| Realisation technology  | Microwave and microprocessor                                    |
| Launch frequency  | 24.125GHZ   |
| Launch power  | <20 dBm EIRP  |
| Launch frequency density  | <5mW/cm2  |
| Assemble an altitude maximal  | 3m  |
| Assemble a dip angle  | 15°, 30°, 45°, 60°  |
| The maximum checks range (while assembling 2.3 meters of altitude)  | 4 (W) X 2 (H) m   |
| Checking pattern  | Move  |
| The minimum checks speed  | 5cm/s (Along the longitudinal axis of air wire to tests)        |
| Power source voltage  | 12-24 VAC +/- 10%; 12-36 VDC                                    |
| Power source frequency  | 50-60 HZ  |
| Power dissipation   | <2W(VA)   |
| Maximal contact voltage<br>Maximal contact electric current<br>The maximum change power<br>The relay outputs (there be no initial electric potential) | 42V AC-60V DC<br>1A (Electric resistance)<br>30W(DC) / 60VA(AC) |
| Output retention time   | 0.5 second  |
| Temperature range   | -20°C to +55°C  |
| Protection rate   | IP 52   |
| Outer covering material   | ABS Plastic   |
| Outer covering colour   | Black, Silver grey  |
| External form dimension   | 121 (W) X 80 (H) X 52 (D) mm                                    |
| Weight  | 0.100kg   |
| Conducting wire length  | 2.5m  |