

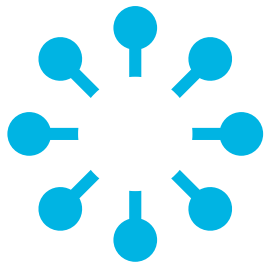


SOLAR RADIATION SENSOR WDS - RD - 300I

The Solar Radiation Sensor, or solar pyrometer, measures global radiation, the sum at the point of measurement of both the direct and diffuse components of solar irradiance. The sensor's transducer, which converts incident radiation to electrical current, is a silicone photodiode with wide spectral response.

TECHNICAL SPECIFICATIONS

| Description | SOLAR RADIATION SENSOR WDS - RD - 300I |
|-------------------------|---|
| Operating temperature | -40° to +65°C |
| Storage temperature | -45° to +70°C |
| Spectral response | 400 to 1100 nanometers |
| Temperature coefficient | +0.12% per °C |
| Reference temperature | 25°C |
| Weight | 250 g |
| Range | 0 to 1800 W/m ² |
| Accuracy | ±5% of full scale |
| Output | 0 to 3 VDC (0-1800 W/m ²) green color |
| Power supply | 7-24 VDC 1mA (typical) yellow color |
| Reference | WDS - RD - 300I |



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