



- Measuring range: 0.3-3 μ m solar radiation.
- Can measure reflected radiation.
- High-precision light sensitivity, good stability.
- The sensor uses a quartz glass cover made of precision optics cold processing, can avoid interference.
- Widely used in microclimate, facility agriculture, forestry, breeding, solar energy, environmental monitoring and other photosensitive places.

WIRING CONNECTION

- | | | |
|-----------------|------------|------------|
| ● RS485 | ● DC4~20mA | ● DC1~5V |
| Red: 24V | Red: 24V | Red: 24V |
| Yellow: 485+/D+ | Green: inA | Green: inV |
| Blue: 485-/D- | Black: GND | Black: GND |
| Black: GND | | |

ORDER INFORMATION

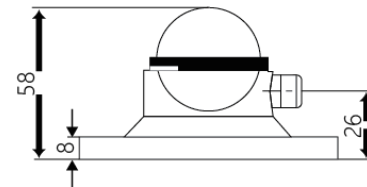
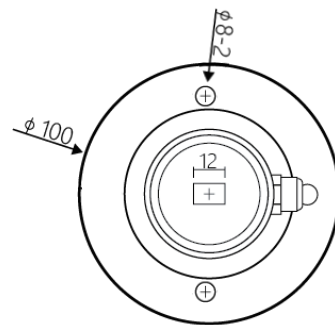
DC2000- Code1

Code1	Output Signal
V	DC1~5V
A	4~20mA
Y	RS-485

SPECIFICATION

- | | |
|--------------------------|---|
| ◆ Supply voltage: | DC 24 V |
| ◆ Spectral range: | 0.3-3 μ m |
| ◆ Measurement range: | 0~2000 W/m ² |
| ◆ Output: | RS485 / 4~20mA |
| ◆ Load capacity: | Current type output impedance $R_L \leq 250 \Omega$
Voltage type output impedance $R_L \geq 1K \Omega$ |
| ◆ Response time: | <5s |
| ◆ Temperature: | < $\pm 0.08\%$ °C |
| ◆ Cosine response: | < $\pm 10\%$ (solar altitude 10°) |
| ◆ Non-linearity: | < $\pm 2\%$ |
| ◆ Annual rate of change: | < $\pm 2\%$ |
| ◆ Working environment: | Temp.: -50°C~85°C Humi.: $\leq 100\%$ RH |
| ◆ Power consumption: | 1.8mW |
| ◆ Wire Length: | 3 M |
| ◆ Weight: | 420g |

DIMENSION



Unit: mm