

- ISO9060 second class
- Measuring range: 0~2000W/m²
- Monitoring angle: 180°
- Working temperature: -40°C~80°C



SPECIFICATION

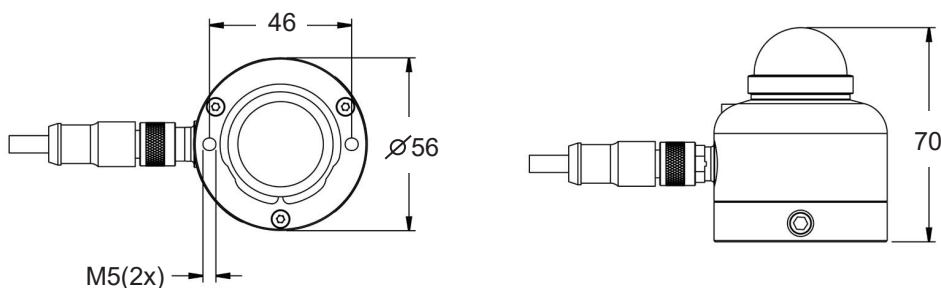
- ◆ Signal output: 4~20mA; 4mA=0 W/m²;
20mA=1600W/m²
- ◆ Measuring range: 0~2000W/m²
- ◆ Measuring angle: 180°
- ◆ Working Temperature: -40°C~+80°C
- ◆ Response time(95%): <18 sec
- ◆ Thermal radiation effect(200W/m²): <15W/m²
- ◆ Temperature change 5K/h: <|±4|W/m²
- ◆ Instability after one year: <|±1|%
- ◆ Non-linearity: <|±1|%
- ◆ Cosine effect: <|±25|W/m²
- ◆ Spectral selection: <|±5|%(0.35~1.5*10 m⁻⁶)
- ◆ Temperature effect: <±3%(-10~+40°C)
- ◆ Tilt-effect: <|±2|%(0~90°1000W/m²)
- ◆ Connection wire: PVC/ 0m(option)
- ◆ Power: 5~30Vdc
- ◆ Weight: About 450g

ORDER INFORMATION

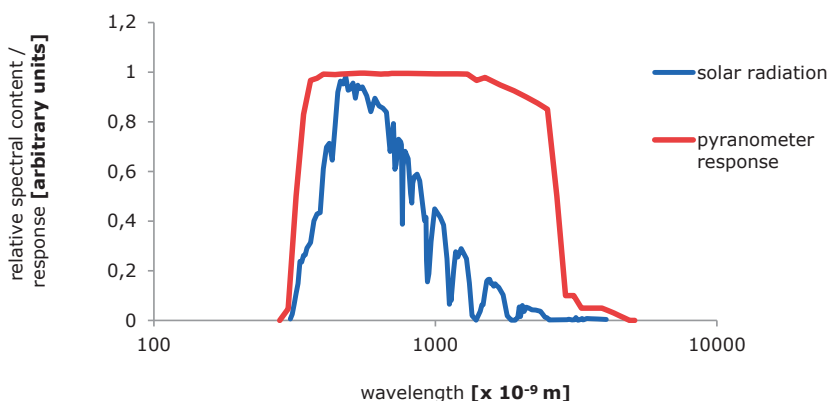
SR05- Code1 - Code2

Code1	Wire Length	Code2	Output Signal
D2	10M	V1	0~12mVdc
D3	30M	A2	4~20mAdc
D4	40M		
D5	50M		

SPECTRAL COMPARISON



SPECTRAL COMPARISON



Spectral response of the pyranometer compared to the solar spectrum.
The pyranometer only cuts off a negligible part of the total solar spectrum.

WIRING CONNECTION

