

PYRANOMETER

Class II ISO 9060

LP PYRA 03/03AC

Typical sensitivity: 10M/(W/m²), output: 4-20mA,

Measuring range: 0~2000W/m²,

Operating temperature: -40°C~60°C,

Fully comply with ISO 9060 second class standards



Model	LP PYRA 03	LP PYRA 03 AC
Power	NO	10...30Vdc
Output signal	NO	4...20mA , 4mA=0 W/m ² , 20mA=2000W/m ²
Typical sensitivity	10μV/(W/m ²)	10μV/(W/m ²)
Impedance	33...45Ω	33...45Ω
Measuring range	0...2000W/m ²	0...2000W/m ²
Viewing field	2IIsr	2IIsr
Spectral field	305nm...2800nm(50%)	305nm...2800nm(50%)
Operating temperature	-40...+80°C	-40...+80°C
Response time(95%)	<30 sec	<30 sec
a) Response to thermal radiation (200W/m ²)	25W/m ²	25W/m ²
b) Response to temperature change 5K/h	< ±6 W/m ²	< ±6 W/m ²
3a) Non stability over 1 year	< ±2.5 %	< ±2.5 %
3b) Non linearity	< ±2 %	< ±2 %
3c) Spectral selectivity	< ±22 W/m ²	< ±22 W/m ²
3d) Response with regard to temperature	< ±7 %	< ±7 %
3e) Tilt-response	<8%	<8%
3f) Risposta in funzione del Tilt	< ±4 %	< ±4 %
Cable	CP AA1.5(5m)/CP AA1.10(10m)	

Note: Subject to change without any notice.