



EKO INSTRUMENTS



# PA-01 MULTI WEATHER SENSOR

Combining meteorological requirements & industrial applications.



- Asia: [www.eko.co.jp](http://www.eko.co.jp)
- North America: [www.eko-usa.com](http://www.eko-usa.com)
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# PA-01 MULTI WEATHER SENSOR

Combining meteorological requirements & industrial applications.



The EKO Multi Weather Sensor measuring ambient temperature and solar irradiance all in one lightweight instrument. Designed for easy setup in automated weather and PV monitoring systems. Pole mount, mounting bracket for fast installation, 4-20mA digital interface and optional external temperature sensor can be added.

EKO provides the best quality solar sensor calibration compliant to the international standards defined by ISO/IEC 17025/9847. The MS-602A ISO Second Class solar irradiance sensor can be tilted for PV application. The aspirated ambient temperature sensor with solar shield provides maximum airflow around the sensor while, at the same time, minimizing direct exposure to sunlight. The shield also provides protection from precipitation. A variety of lead lengths is available to encompass most application requirements and simplify wiring sensors.



## Specifications PA-01

<i>Solar sensor:</i>	
ISO9060	Second Class
Wavelength range	285~2800nm
Response time(95%)	Approx. 17s
Output	4-20mA
<i>Temperature sensor:</i>	
Measurement element	Pt100Ω 4-wires (Class A)
Output	4-20mA
Fan	DC fan
Operating temperature	-25°C to +70°C
Power	DC12V 9-32 V (4W)