



HUKX

Sensor
Technology

Fact sheet

Spectrally flat Class C
pyranometer

SR05

SR05

Spectrally flat Class C pyranometer

with various output and leveling options

SR05 series is the most affordable range of pyranometer meeting ISO 9060 requirements. They are ideal for general solar radiation measurements in (agro-) meteorological networks and PV monitoring systems. SR05s are easy to mount and install. Various outputs are available, both digital and analog, for easy integration.



Best cost-effectiveness

- most affordable range of pyranometers
- better instrument stability than photodiode-based pyranometers
- practical leveling saves O & M time

Versatile output options

- irradiance and instrument body temperature as digital outputs
- D1A3 version using Modbus RTU with a two-wire RS-485 interface and 0-1V analog output
- D2A2 version using Modbus RTU with a TTL interface and 4-20 mA current loop output
- A1 version with analog millivolt output

Easy installation

- multiple cable lengths available with possible extensions
- easy ball leveling with optional tube mount

Broad range of applications

- general solar radiation measurements
- (agro-)meteorological networks
- PV power plant monitoring
- suitable as a sunshine duration sensor using the pyranometric method (WMO approved)

Best paperwork

- formally traceable calibration to the WRR
- compliant with ISO 9060 "spectrally flat" Class C
- calibrated in accordance with ISO 9847 standards

About Hukx

Hukx is the leading innovator in solar radiation and heat flux sensor technology. We are proud to set the standard in high-accuracy measurement, and to be working at the heart of the energy transition.

Customers worldwide rely on our bestselling pyranometers and heat flux sensors. From sensor design and selection to supply and recalibration, we support you across the entire lifecycle.

Hukx is headquartered in the Netherlands, with locally owned representative sales offices in the USA, Brazil, India, China, Southeast Asia, and Japan.

Let us help you select the best sensor for your application. Get in touch with our experts today via: info@hukx.com

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