



HUKX

Sensor
Technology

Fact sheet
Industrial series Class A and
Class B pyranometers

SR200-D1
SR100-D1

SR200-D1 / SR100-D1 Industrial Class A and Class B pyranometers

for PV system performance monitoring and meteorology

Hukx introduces "industrial-grade" solar radiation monitoring! The all-digital Class A SR200-D1 and Class B SR100-D1 model pyranometers are engineered to measure solar radiation with the utmost reliability and measurement accuracy. Our pyranometers are designed to withstand the extreme conditions encountered on PV power plants, with safety features such as surge protection and RS-485 isolation.



Best safety

- dedicated earthing terminal
- compliant with local (EU, US) electrical safety regulations such as EN-50110 or NFPA 70

Best compliance with industrial standards

- IEC 61724-1 Class A (SR200-D1) and Class B (SR100-D1) compliant for solar irradiance measurements
- tested and classified for Industrial Environments according to IEC 61326-1 and IEC 61000-6-2 standards
- surge immunity Level 2 (1 kV), can be improved to Level 4 (4 kV) with optional SPD01 surge protection device

Best accuracy

- ISO 9060 classified "spectrally flat" Class A (SR200-D1) and Class B (SR100-D1) sensors
- reliable isolated RS-485 interface
- lowest zero offsets

Lowest total cost of ownership

- (re-)calibration is necessary every two years according to IEC 61724-1
- efficient worldwide calibration services
- reduced cost of system integration
- designed to minimise risk of damage
- practical diagnostics and levelling save O & M time

Easy installation

- with optional spring-loaded levelling mount
- window for visible bubble level
- easy mounting, levelling and instrument exchange
- extendable cable length up to 20 m

Best paperwork

- SR200-D1 includes temperature response test report for each individual sensor
- SR200-D1 includes directional response test of every sensor for 0 to 95 ° angle of incidence

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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We reserve the right to change specifications without prior notice.

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