PRODUCT DATASHEET
Supplier-provided technical data

Fully Automatic Direct Radiation Sensor (Pyrheliometer)



Supplier: NiuBoL
Manufacturer model: NBL-W-FARS
Archive SKU: NBL-W-FARS
Price, availability, delivery and warranty: confirmed by quotation.

Fully Automatic Direct Radiation Sensor (Pyrheliometer) supplied by NiuBoL. Select the required configuration and request a quotation for price and availability.

Select the required configuration for your intended monitoring task. Supplier-stated ranges and performance figures are reproduced below. Source differences require confirmation of the supplied version; no retail price, stock, warranty duration or delivery commitment is inferred.

Source documents

2026 Product Quotations from NiuBoL-Michelle.pdf — PDF page(s) 16.

Supplier-stated technical data — quotation

Parameter	Supplier-stated value / source wording
Measuring range	0~2000 W/m2
Signal output	0~20mV
Measurement accuracy	working table<5% standard table<2
Sensitivity	7~14μV/W.m-2
Time constant	15S(99%)
Internal resistance	about 80 ohm
Tracking accuracy	<168h±1°
Power supply	DC 12V
Output	Voltage: 0-5V/ RS485
Annual stability	±1% (sensitivity change rate)
Operating environment	-45 ~+45 °C