



AMPVAR

AMPLIFIER FOR SOLAR RADIATION SENSORS (mV)

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|-----------------------|------------------------|----------|
| - Hukseflux | - Kipp & Zonen | - EKO |
| - SR20-T1 / SRA20-T1 | - CMP3 | - MS80 |
| - SR15-A1 / SRA15-A1 | - CMP6 / CMA6 | - MS60 |
| - SR05-A1 | - CMP10 | - MS40 |
| - SR11 / SR11 + AMF02 | - CMP11 / CMA11 | - MS802 |
| - SR12 | - CMP21 / CMP11 + CMF1 | - LICOR |
| - LP02 | - CMP22 / CMP22 + CMF1 | LI-200SZ |

Specifications

Amplification type	Loop current
Input voltage	-10...+70mV
Amplifier output	4...20mA
Resistance	249 Ohms (0.1%)
Output voltage	1...5V
Standard gain	1mA / 1mV
Accuracy	+/- 0.02% full scale
Isolation	Input / Output
Operating temperature	-40...+85°C
Supply voltage	10...30Vdc
Sampling rate	500ms
Response time	1s

WIRING TABLE

AMPVAR				Orbit 360		
				Section	Terminal	Type
Pyranometer signal (+)	+	+	Vcc (12V)	Power Input	+	
Pyranometer signal (-)	-	SIG	Amplified signal	Analog Channels		Signal
		GND	Reference (-)	Power Input	(-)	