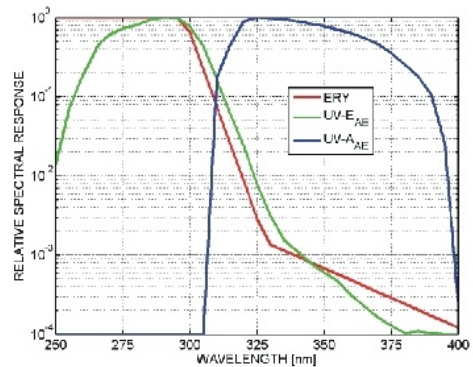


J1034-UV-A/UV-E

Precision is
our business



APPLICATION

Dual band UV-A and UV-A broadband detector for solar measurement. Wavelength according to UV-A and Erythema Action spectra.

Physical data

Measure range UVA	0 ÷ >~0,5 W/m ²
Measure range UVE	0 ÷ >~100 W/m ²
Spectral Range UVA	310 ÷ 400 nm
Spectral Range UVE	Erythema ISO 17166:1999/CIE S 007/E: 1998
Temperature range	-40 ÷ +60 °C
Signal output	0 V ÷ 5 V (others on request)
Power Supply	9 V ÷ 24 V / 0.75mA
Time switch on	< 1 s
Response time	< 1.5 s
Cosine Error f ₂	< 1.5%
Linearity	< 1%
Dome	Quartz glass
Housing	Anodised aluminium
Dimension	80 mm (diameter) x 88mm (height)
Weight	0.5 kg
Temperature coefficient	0.1 % / K

Pin Connection	1: Vcc (white)
	2: GND (brown)
	3: UV-E _{AE} (gray)
	4: UV-A _{AE} (yellow)
	5: Housing (screen)

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