

## SKYE INSTRUMENTS LIMITED

21 Ddole Enterprise Park

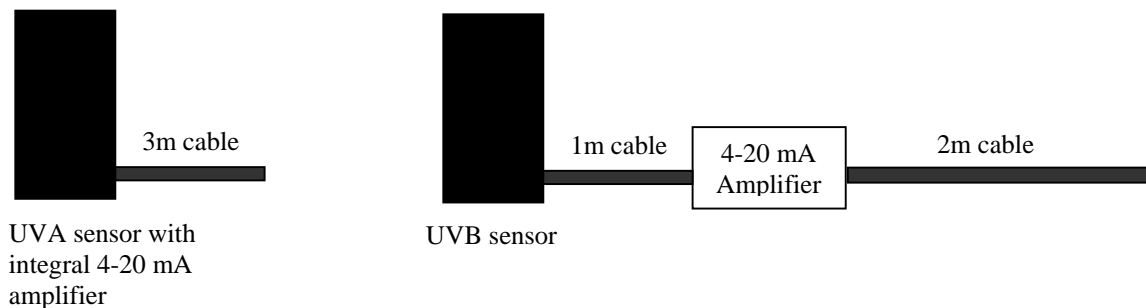
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### UV SENSORS WITH 4-20 mA AMPLIFIERS

Skye offer a wide range of outputs on their light sensors, from the standard  $\mu\text{A}$  and mV to amplified versions with 0-1V to 0-10V or 4-20 mA. Amplifiers are fitted inside the sensor housing itself in the HOPL, environmental chamber and UVA sensors, but 4-20 mA amplifiers for the UVB sensor requires a separate interface box as shown below:



When supplied in this configuration, the UVB sensor is calibrated with the amplifier interface as a complete system and so this sensor should not be disconnected for use separately.

### SPECIFICATIONS

Operating Temperature: -20 to + 70°C, 0-100% RH  
Output: UVA 0-100 Watt/m<sup>2</sup> = 4-20 mA  
UVB 0-5 Watt/m<sup>2</sup> = 4-20 mA  
Other ranges available upon request  
Power Supply: 12-36 VDC, reverse protected  
Supply Current: 4-20 mA loop powered

### ORDERING DETAILS

SKL 2420	UVA sensor with integral 4-20mA amplifier
SKU 430/SKP 220	UVB sensor with external 4-20mA amplifier system
SKM 221	Levelling unit for any UV sensor
SKM 226	Long arm pole mount for a levelling unit
SKM 225	Short arm pole mount for amplifier box