



Mini UV Sensor Module

Model: GM1-UVx-I5O5

General features:

- High sensitivity and proved reliability
- Single power supply
- Analog 0-5 V linear output



Applications: UV LED monitoring, air sterilization monitoring

Specifications:

Parameters	Symbol	Value	Unit	Remark
Maximum ratings				
Operation temperature	T _{op}	-20-75	°C	
Storage temperature	T _{sp}	-30-85	°C	
Soldering temperature	T _{sol}	260	°C	Within 10 s
Electro-optical characteristics (25 °C)				
Supply voltage	V _{cc}	5	V	DC
Output signal	V _{out}	0-5	V	
Detection wavelength range		230-285	nm	GM1-UVC-I5O5
		230-325		GM1-UVB-I5O5
		230-370		GM1-UVA-I5O5
		290-440		GM1-UVV-I5O5
Power measurement range	P	0-20	mW/cm ²	See other options ²
Connection				
Standard pin header	3-pin configuration: V _{cc} , GND, V _{out}			

¹ UVA, UVB, UVC, UVV and full UV band are all available upon request.

² Power measurement range: 0-0.1 mW/cm² (option), 0-100 mW/cm² (option), 0-1 W/cm² (option).

Drawing (Unit: mm)

