

UV Sensor Probe

General features:

- Compact package with sapphire window
- Single power supply
- Analog 0-5 V or 4-20 mA output
- High sensitivity and proved reliability



Model: AP-UVx-1y

Applications: Radiant intensity measurement for UV curving, UV sterilization monitoring

Specifications:

General parameters						
Dimensions	Window diameter (mm)		Weight (g)		Case material	
See drawing below	6	6		36	Al	
Parameters	Symbol	Symbol Va		Unit	Remark	
Maximum ratings						
Operation temperatur	re T _{op}	-20-85		°C		
Storage temperature	nperature T _{sp}		-30-95			
Electro-optical characteristics (25 °C)						
Supply voltage	Supply voltage V _{cc}		-24	V	DC	
		4-20		mA	2 wire circuit (AP-UVx-11)	
Output signal	l _{out}				3 wire circuit (AP-UVx-12)	
	V_{out}	0-5		V	3 wire circuit (AP-UVx-13)	
Detection wavelength range ¹		220)-290		AP-UVC-1y	
	1	220-325 220-370		nm	AP-UVB-1y	
					AP-UVA-1y	
		290)-440		AP-UVV-1y	
UV power intensity measurement range	Р	0-	200	mW/cm ²	See other options ²	
Connection						
Cable length ³	2 m	2 m				

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

² UV power intensity measurement range: 0-200 mW/cm² (standard), 0-1 W/cm² (option).

³ Cable length can be customized upon request.



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Drawing:

