



UV Sensor Probe

Model: AP-UVx-1y

General features:

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



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

Specifications:

General parameters				
Dimensions	Window diameter (mm)	Weight (g)	Case material	
See drawing below	6	36	Al	
Parameters	Symbol	Value	Unit	Remark
Maximum ratings				
Operation temperature	T_{op}	-20-85	°C	
Storage temperature	T_{sp}	-30-95	°C	
Electro-optical characteristics (25 °C)				
Supply voltage	V_{cc}	7-24	V	DC
Output signal	I_{out}	4-20	mA	2 wire circuit (AP-UVx-11)
				3 wire circuit (AP-UVx-12)
	V_{out}	0-5	V	3 wire circuit (AP-UVx-13)
Detection wavelength range ¹		220-290	nm	AP-UVC-1y
		220-325		AP-UVB-1y
		220-370		AP-UVA-1y
		290-440		AP-UVV-1y
UV power intensity measurement range	P	0-200	mW/cm ²	See other options ²
Connection				
Cable length ³	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:

