

THERMOPILE,
RADIATION POWER SENSING DEVICES
NLP-300E

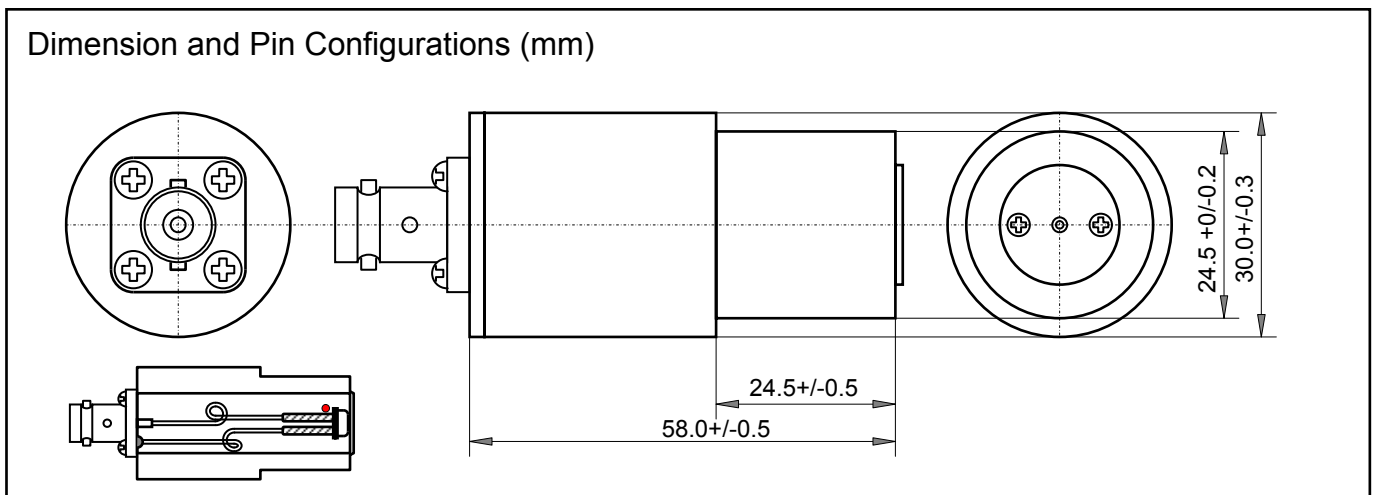


Features and Applications

Thin film thermopiles for such radiation power sensing as CO₂ laser and infra-red optical power attached with integral sphere.

NLP-300E includes fast response thermopile LP111S.

1mm diameter opening receives radiation power, BNC outputs dc voltage proportional to input.



Ordering Information

p/n
NLP-300E

Specifications

INPUT	Range of Detecting Wave Length	0.4–20.0 um	
	Material of Absorption Black	Metal Black	
	Continuous Max. Input Power	10 mW	
	Warning Input Power	20 mW	
OUTPUT	Diameter of Detecting Aperture	1.0 mm dia.	
	Sensitivity	10.0 mV/mW	
	Error from Linearity	-	
	Internal Resistance	2.0+/-1.0 kohm	
	63% Response Time	45 ms	
MECHANICAL	Number of Thermo Couple	22	
	Storage Temperature	0–40 deg C	
	Operation Temperature	0–40 deg C	

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