

UVFLASHCON

UV Flash Lamp Intensity Monitoring

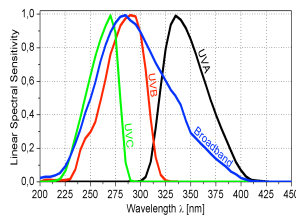


The Device



The **UVFLASHCON** is designed for measuring short pulses of UV flash lamps. It gives an output level of 5V as long as the UV flash lamp intensity is higher than a configurable threshold. If no flash intensity is exceeding the threshold for a choosable time, the output level falls to 0V.

Optical Properties



The UVFLASHCON is available with different radiation hard SiC detectors with different spectral sensitivities (e.g. broadband UV, UVA, UVB, UVC). Besides, the detectors differ in their suitability for measurements from very low to very high radiation. The housing of the UVFLASHCON allows the integration of further filters, reducers and diffusers.

Specifications of the UVFLASHCON

Parameter	Value	Unit
Power Supply	+7...24	V
Output Signal	0 / 5	V
Minimum detectable signal pulse length	30	ns
Maximum switching delay	90	ns
Maximum output rise time	25	ns
Maximum output fall time	25	ns
Additional technical data		
Operating temperature	-40...+85	°C
Storage temperature	-65... +85	°C