

UVB sensor SUV23 A2 B8 C

General

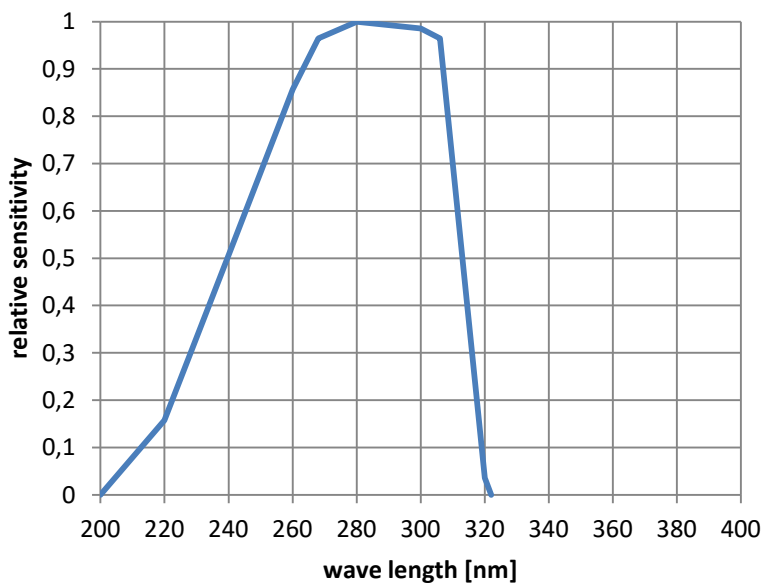
This sensor is designed for relative measurement of UVB radiation.
The sensor is intended as a plug-in sensor for FUV sensor ports.



Technical data

general characteristic	SUV 23 A2 B8 C
labeling	sensor name, production number
material of sensor body	stainless steel 1.4404
geometry	plug-in area \varnothing 20 x 59 mm, body length 73 mm, with collar and notch for O-Ring 18,77 x 1,78 (see drawing)
pressure resistance	1 bar short time (in measuring window FUV to 16 bar pressure resistant)
ambient temperature	ambient temperature: -10 to 70°C (short time 100°C) storage temperature: -40 to 70°C
opening angle	160°
sensor type / selectivity	B8 – UVB diode UVD 320 / 200 nm to 320 nm (see diagram)
Option C	plug at sensor (Binder series 763)
pin assignment	pin1/2 anode, pin 3/4 cathode
accessory cable	Z1G-I 5 m length, screwed IP65 (longer cable on request possible)

Spectral sensitivity



Sensor body

