

UVC sensor in a stainless steel housing with integrated booster and power output

This sensor is suitable for monitoring the intensity of UVC low-pressure radiators, UVC high-output radiators and UVC amalgam radiators.

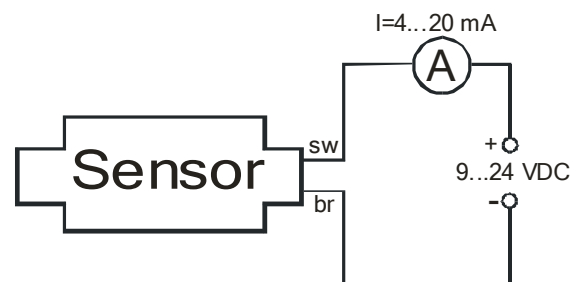
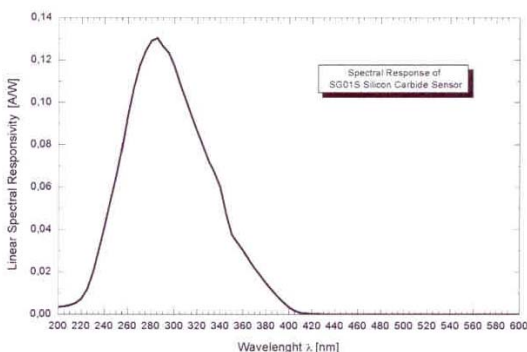
The sensor type is SiC-based and therefore only UV-sensitive (daylight blind).



Manufacturer	PURION GmbH
Type	SiC
UV-intake	6 mm
Angle spread	ca. 30°
Temperature	0°C bis 60°C
Sounding rod's body	Stainless steel 1.4571
Connection External thread	G 1/4" SW 19
Seal	Viton
Pressure-tight	10 bar
Dimensions (L x Ø in mm)	67 x SW 19
Power output	4-20 mA
Supplied voltage	9-24 VDC
Sensitivity	ca. 5 mW/cm²

Properties of the sensor's chip

- * Wideband UVA-UVB-UVC photodiode
- * Optimal ability for measuring powerful UVC radiation
- * Silicon carbide chip warrants extreme radiation power
- * High intrinsic insensibility against visible light through semiconducting material with high bandgap
- * TO-18 metallic housing with 0.054 mm² active chip surface
- * Chip manufacturer: Cree Research Inc., U.S.A.



Snubber circuit sensor with 4...20 mA