

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

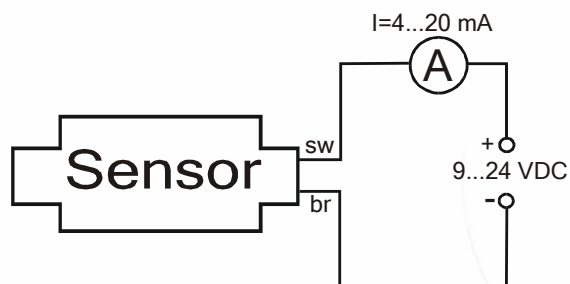
This sensor is suitable for monitoring the intensity of UVC Low-pressure radiators, UVC high-output radiators und UVC amalgam radiators.



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

High intrinsic insensibility against visible light through semiconducting material with high bandgap.

Snubber circuit sensor with 4...20 mA



Manufacturer	PURION® GmbH
Type	SiC
UV-intake	6 mm
Angle spread	approx. 30°
Temperature	0°C up to 60°C
Sounding rod's body	Stainless steel 1.4571
Connection external thread	G 1/4"
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	approx. 30 - 300 W/m²

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

TO-18 metallic housing - 0.054 mm² active chip surface

