



UV-sensors

System-Features

- versatile designs
- suitable for applications in air and water
- conforms to DVGW / ÖNORM

Advantages

- low maintenance
- customized construction available
- long life-time

UV-sensors

Our **UV-sensors** are available in different designs and are suitable for operation in air as well as water systems.

For use in drinking water equipment, we supply sensors that conform to the **DVGW** or **ÖNORM** regulations.

The UV-sensors are made for relative and absolute measuring. Absolute measuring sensors are calibrated individually and allow a reliable UV-measurement from all distances to the radiation source.

Our UV-sensors can be configured to our customer's needs.

Designs

The UV-sensors are available as 'screw-in' or 'plug-in' types. Because of their compact design and huge variety of possible configurations, the sensors can be installed in new or retrofit systems.



Screw-in sensor SUV13 with teflon head

Technical Data

Housing material	High-grade steel
Opening angle	30°, 40°, 160°, 360°
Output signal	Diode Current (4-20mA) Voltage (0-4,5VDC) Digital
Optional standards	DVGW, ÖNORM

Because of the versatile output signals, our sensors will integrate very easily with existing system controls. If there is no monitoring control, we can even supply the appropriate measuring devices.



UV-Monitor UVT16

For installations in water disinfection systems, we provide our plug-in sensors with a suitable measuring window. So the sensor is protected against pollution because of a sealed quartz glass plate. This enables the operator to remove the sensor for maintenance or service work as well as for reference measurements. The **measurement window** remains in the reactor during the maintenance work- so draining of the system is not necessary!



Plug-in sensor SUV20 with measuring window

SUV20-sensors can be supplied with an ATEX-protection certificate as an option.