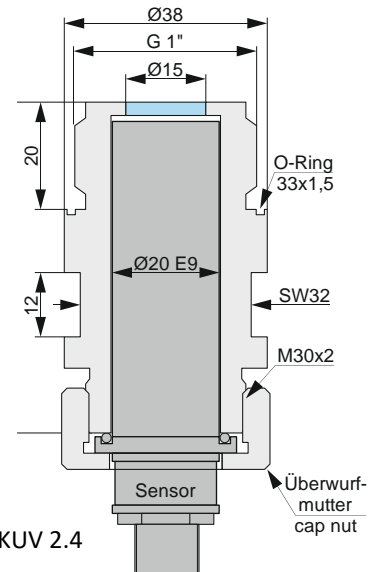


FUV-D Measurement window

- Worldwide unique design
- Robust construction
- Front side UV entrance window without any sealing
- Hygienic design with smooth, seamless front
- High pressure and negative pressure resistance
- Compatible with SUV 20 sensors according DVGW/ÖNORM
- Suitable for use in all applications for water and gas disinfection, especially recommended for applications:
 - with UV medium pressure lamps and with high radiation
 - in the food industry
 - for ultrapure water production
 - with CIP/SIP sanitation at temperatures up to 110°C / 2.5 bar
 - ballast water disinfection
- housing made of stainless steel 1.4404 or 1.4462 (sea water resistant)
- enable convenient measured value comparison with reference radiometer MUV/KUV 2.4
- available in different designs and length
- customization possible on request



Technical data

marking	type, serial number (optionally additional customized marking)
geometry	Ø38 x 61,9 mm, plug in size compatible with DVGW/ÖNORM plug in sensors
UV entrance window	special glass Ø15 mm, transmissivity 80% ±4 at 254 nm
pressure resistance	up to 50 bar overpressures and negative pressure
temperature resistance	operating / water temperature 0 to 120°C, storage temperature -40 to 70°C
leak testing	100% initial test using helium mass spectrometer, leak rate Q = 10 ⁻⁸ mbar*l/s

Available designs

FUV-D 38 standard type 20 mm immersion depth	FUV-D 38.6 reset thread, up to 47.5 mm immersion depth > 50 mm see FUV40.1	FUV-D 33 TC sterile flange according to DIN 32676	FUV-D 40.1 long type 50..150 mm immersion depth
			

Please note

Please check the inside of the sensor port is free of contamination or humidity prior assembly. Prevent condensation inside the sensor port even for short term removal of the sensor, e.g., for a test with reference sensor. Damages at sensor port or sensors caused by non-observance of our notes are not covered by warranty.