
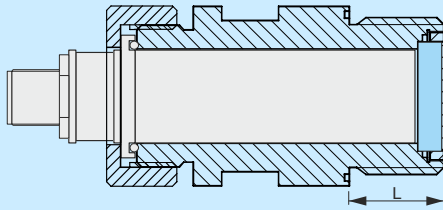

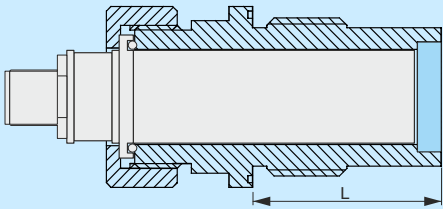

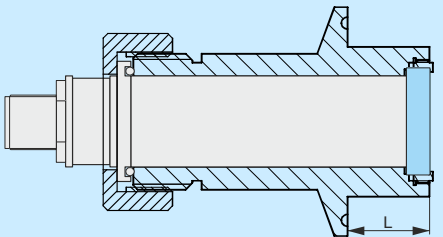

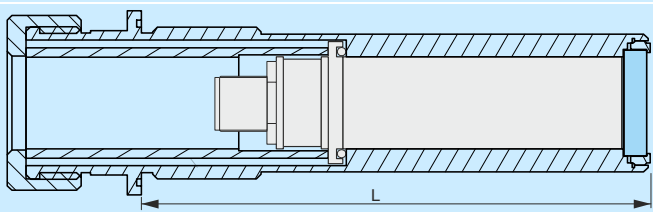


FUV Measurement window according DVGW/ÖNORM

- design according DVGW/ÖNORM for use in drinking water treatment installations
- suitable for plug in UV sensors type SUV20 according DVGW/ÖNORM
- enable convenient measured value comparison with reference radiometer MUV/KUV 2.4
- housing made of stainless steel 1.4404 or 1.4462 (sea water resistant)
- available in different designs and length
- vacuum-proof types available for systems with superheated steam disinfection / negative pressure
- customization possible on request

Technical data	
marking	type, serial number (optionally additional customized marking)
geometry	according DVGW/ÖNORM, plug in size $\varnothing 20 \times 60$ mm (see sketches)
UV entrance window	synthetic quartz glass $\varnothing 23$ mm, transmissivity ≥ 90 % above 250 nm
pressure resistance	water-resistant on the reactor side up to 16 bar overpressures
temperature resistance	operating / water temperature 0 to 40 °C, briefly 100 °C, storage temperature -20 to 70 °C
leak testing	100% initial test using helium mass spectrometer, leak rate $Q = 10^{-8}$ mbar \cdot l/s

Available DVGW-compliant designs		
FUV 38 standard type 20 mm immersion depth FUVP 38 negative pressure resistant		
FUV 38.6 reset thread, up to 47.5 mm immersion depth > 50 mm see FUV40.1 FUVP 38.6 negative pressure resistant		
FUV 33 TC 40/50 with sterile flange 18 mm immersion depth FUVP 33 TC 40/50 negative pressure resistant		
FUV 40.1 long type 50..150 mm immersion depth FUVP 40.1 negative pressure resistant		

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. In case of extreme temperature differences between ambient temperature and water temperature we recommend flushing with dry air or nitrogen. Damages at sensor port or sensors caused by non-observance of our notes are not covered by warranty.

Further information can be found in the application recommendations for FUV measurement windows and in the type-specific product information sheets.