

## Sensor port FUV 38 G1"

The UV sensor port FUV 38 was developed for use in drinking water systems in accordance with DVGW W294 or ÖNORM M5873. It can be used with duty or reference sensors that are certified according to the standards mentioned or that have the same geometric characteristics.

### Technical main features

- frontside tight up to 16 bar overpressures
- operating/water temperature 0...40°C, storage temperature -20...70°C
- corpus made of stainless steel 1.4404 (alternatively 1.4462), screw-in thread G1", jaw size 32
- inner dimensions  $\varnothing 20 \times 60$  mm, total length 65 mm (according DVGW/ÖNORM)
- UV window: synthetic quartz glass  $\varnothing 23$  mm, transmission  $\geq 90\%$  above 250 nm
- plane front, cleaning with wipers possible
- inclusive cap nut M 30 x 2 for fixing the sensor
- 100% manufacturing test using a Helium mass spectrometer, leakage rate less than  $10^{-8}$  mbar\*l/s

### Please note

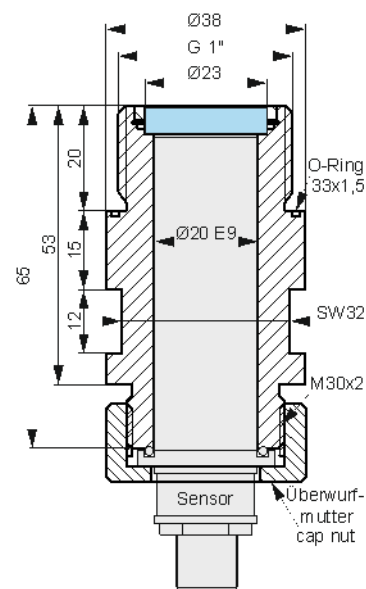
Please order O-ring  $\varnothing 32 \times 1.5$  NBR (KTW approved) or O-ring  $\varnothing 32 \times 1.5$  V2/A (KTW/DVGW W270 approved, FDA-compliant) for sealing on the reactor side separately.

Before installing a sensor, make sure that the installation space is free of dirt and moisture. Even if the sensor is removed briefly, care must be taken to ensure that there is no condensation on the interior. In the event of extreme temperature differences and high air humidity, it may be necessary to flush with dry air / nitrogen.

The FUV38 is not suitable for systems in which hot steam cleaning / sanitation takes place. The elevated temperatures, together with any negative pressure that may occur, can damage the measuring window. Depending on the operating conditions, regular factory maintenance of the measuring window is recommended. Customer replacement of the sealing elements is not possible.



FUV38 with Sensor



main dimensions FUV 38

Damages at sensor port or sensors caused by non-observance of our notes are not covered by warranty!

More detailed information can be found under application recommendations for FUV sensor ports.

*Please note the other sensor ports supplied through us:*

- *Special sensor port FUV P for negative pressure*
- *Sensor port with sterile flange*
- *Sensor port with extended thread*
- *Sensor port for SUV19 sensors with 360° viewing angle*
- *Customized sensor ports*