

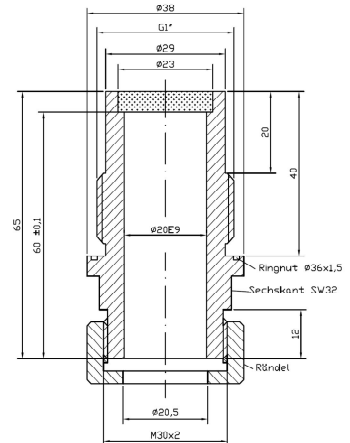
Sensor port FUV 38.6/40 G1" (20 mm shifted back thread)

The UV-sensor port is designed according to DVGW W294 and ÖNORM M5873 for drinking water treatment installations. It can be used with duty and reference plug in sensors according to the mentioned rule or similar sensors with the same geometry. The 20 mm shifted back thread shortens the distance between lamp and sensor. This is often necessary if the distance to the lamp is too big or if the transmission of the water is too bad. Tightening is made by a sealing O-ring 33 x 1,5 mm laying in a ring nut. Mounting will be done with a thread 1". The suitable cap nut M 30 x 2 for fixing the sensor type SUV20 in the window is included in the delivery.



Main features

- water side tight up to 16 bar overpressure
- operating/water temperature 0 to 40°C,
storage temperature -20 to 70°C
- corpus made of stainless steel 1.4404 (standard) or 1.4462
- with screw-in thread 1", jaw size 32
- UV window: synthetic quartz Ø 23 mm,
transmission ≥ 90 % above 250 nm
- plane front, cleaning with wipers possible
- inner dimensions Ø 20 x 60 mm, foreseen for standard sensors,
total length 65 mm
- inclusive cap nut M 30 x 2
- 100% manufacturing test using a Helium mass spectrometer,
leakage rate less than 10⁻⁸ mbar*l/s



main dimensions FUV 38

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 is not covered by warranty.

More detailed information can be find under: *application recommendations for FUV sensor ports*

Please note the other sensor ports supplied through us:

- *Special sensor port 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 in geometry and stainless steel type possible*