

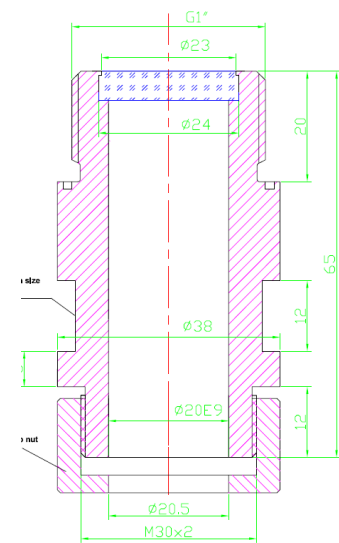
Sensor port FUIV38 G1" Desmi 720873, Material 1.4462

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. Based on the innovative construction this type is able to withstand negative pressure which allows its use in UV units in the suction pipe. Moreover it can be used for plants with short time negative pressure e.g. in case of CIP/SIP cleaning or draining.



Main features

- water side tight up to 16 bar overpressure and for short time 1 bar negative pressure
- operating/water temperature 0 to 40°C, short time for CIP/SIP cleaning at temperatures up to 110°C / 2.5 bar, storage temperature -20 to 70°C
- corpus made of stainless steel 1.4462, with screw-in thread 1", jaw size 32
- UV window: synthetic quartz \varnothing 23 mm, transmission \geq 90 % above 250 nm
- negative pressure proof construction, plane front, cleaning with wipers possible
- inner dimensions \varnothing 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 FUIV 38

Please note

Remove the sensor while the thermal cleaning process with hot steam. 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