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| In order to correctly and comprehensively assess measurement place as well as possible errors and to choose the best metering unit possible we kindly ask you to answer the questions below as thorough as possible. | In case of doubt please contact us by telephone  +49 (0)7262/9191-0 or under [6TUflow@nivus.deU6T](mailto:flow@nivus.de)  **Please send the completed questionnaire to** [6TU**flow@nivus.de**U6T](mailto:flow@nivus.de) **(or Fax: +49 7262/9191-999)** |
| **Company name:** | |
| Contact person: | Phone: |
| Street: | Fax: |
| Postal code, City: | E-mail: |
| **Planned place of installation:** |  |
| Postal code, City: | Country: |
| Contact person: | Phone: |
| 1. Place of installation  WWTP intake  WWTP discharge  Pump station  Receiving water overflow measurement  Discharge measurement from impound chamber or storm water tank to WWTP  Surface water sewer  Raw drinking water pipeline or channel  Wastewater channel system measurement  Turbine pipeline  Run-through chamber  Other (please describe below):     |  | | --- | | Q:\Formulare\Vertrieb\Fragebogen\_Durchfluss\_en00.docx |       (Please use separate sheet if more space is needed) | 2. Channel / Pipe shape   |  |  |  | | --- | --- | --- | |  | C:\Users\muellerm\Fb01011.wmf | d = mm | |  | C:\Users\muellerm\Fb01012.wmf | d = mm | |  | C:\Users\muellerm\Fb01013.wmf | d = mm h = mm | |  | C:\Users\muellerm\Fb01014.wmf | b = mm h = mm | |  | C:\Users\muellerm\Fb01015.wmf | bR1R = mm hR1R = mm  bR2R =  mm hR2R = mm | |  | C:\Users\muellerm\Fb01016.wmf | b = mm h = mm | |  | ? | Please enclose detailed drawing. | |

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| 3. Channel / pipe material  Plastic  Steel / stainless steel  Hard-baked tiles  New concrete  Old concrete  Rubble stone (scoured)  Honeycomb slabs  Natural bed  Other  4. Measurement medium  • Min. expected temperature: °C  • Max. expected temperature: °C  • Max. expected pressure: bar  Untreated water or combined sewage  Treated wastewater  Sludge  (please specify dry solids content): g/L  Rain water / surface water  Drinking water  Cooling water  Process water (please describe):      Other (please describe):      Fibrous material contents  May tend to foaming  Particular impurification; chemicals, lye, acids etc. (please provide detailed information): | 5. Location of measurement place  • Length of undisturbed intake section upstream of measurement point: m.  • Length of undisturbed discharge section downstream of measurement point: m.  Bed jump cm  upstream  downstream of measurement point  Sill height cm  upstream  downstream of measurement point  Elbow ° m.  upstream  downstream of measurement point  Measurement located within elbow  Channel profile change  from profile:  • Profile dimensions:  to profile:  • Profile dimensions: • Distance between profiles m  upstream  downstream of measurement point  Distance to stop valve m   upstream  downstream of measurement point  Distance to lateral inlet m  upstream  downstream of measurement point  Distance to fittings (sampling, analysis measurements, pipes etc.) m  upstream  downstream of measurement point  Other hydraulic obstructions (please attach detailed description or enclose sketch)  Backwater expected?   no  partially  permanent  Risk of sedimentation  no  yes - sedimentation   constant approx. cm   variable approx. cm to cm |

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| 6. Hydraulic conditions  • Max. expected flow rate:  • Max. expected fill level:  • Min. expected flow rate:  • Min. expected fill level:  • Slope on measurement place  ‰  Intermittent flow (due to discontinuous pump operation)  7. Measurement setup  Permanent installation with power supply  Power supply  230 V AC  110 V AC  24 V DC  other  Mounting type  in cabinet on DIN rails (IP20)  in field enclosure  IP67 field enclosure  IP68 field enclosure  Temporary installation with power supply   Battery / rechargeable  230 V AC  110 V AC  24 V DC  other  • Distance between sensor and transmitter:  approx. m  Sensor Ex   no  Zone 2  Zone 1 | 8. Accuracy  Desired / required accuracy:  • % measurement error within range  from % to % of meas. range  • % measurement error within range from % to % of meas. range  • Other requirements:    **Measurement can be calibrated through:**  Available comparative measurement  type  (e.g. EMF, Venturi etc.)  Volumetric (backwater zone to be filled available upstream or downstream)  Measurement wing, portable meas. or similar  Travelling cleaner flusher  Other (please specify):    None  9. Flow rate control  (Please complete only if available / desired)  • Control fitting m  upstream  downstream of measurement  • Max. preliminary press. upstream of fitting  m  • Flow rate to be controlled l/s |