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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 **Please send the completed questionnaire to** 6TU**flow@nivus.de**U6T **(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):

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   (Please use separate sheet if more space is needed) | 2. Channel / Pipe shape

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| [ ]   | 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 = mmbR2R =  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[ ]  Other4. 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. AccuracyDesired / required accuracy:• % measurement error within range from % to % of meas. range• % measurement error within rangefrom % 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): [ ]  None9. 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 |