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| GENERAL INFORMATION | |
| **Applicant** | |
| Name |  |
| Contact person(s) |  |
| Address |  |
| Place |  |
| Country |  |
| Phone number |  |
| E-mail address |  |
| **Manufacturer** *(only if different from applicant)* | |
| Name |  |
| Address |  |
| Place |  |
| Country |  |

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| MAIN SERVICES |
| Type test according to EN 1359:1998 + A1:2006 “Gas meters - diaphgram gas meters”  Type test according to EN 1359:2017 “Gas meters - diaphgram gas meters”  Type test according to EN 14236:2018 “Ultrasonic domestic gas meters”  Type test according to EN 16314:2013 “Gas meters - Additional functionalities”  Type test according to OIML R137-1&2:2012 “Gas meters”  EU-type examination certificate Measuring Instruments Directive (MID) 2014/32/EU, Annex B.  For electronic gas meters this includes software evaluation according to WELMEC 7.2.  Additional WELMEC 7.2 options   S (software separation)  D (software download)  T (data transmission)  L (long time storage)  OIML Certificate   EN Certificate of Conformity |

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| PRODUCT SPECIFICATION | | | | |
| Type designation (model/type name) | | | | |
| Measuring principle | diaphgram  ultrasonic  thermal  other | | | |
| Indicating device | mechanical  electronical  one model with mechanical (leading) and electronical  one model with electronical (leading) and mechanical  two models, one with electronical and one with mechanical | | | |
| Variants to be included: | | | | |
| Type or G-value: |  |  |  |  |
| Qmax [m3/h] |  |  |  |  |
| Qt [m3/h] |  |  |  |  |
| Qmin [m3/h] |  |  |  |  |
| V cyclic [dm3] |  |  |  |  |
| One meter construction covers more than one flow rate range. Please specify the details. | | | | |
| Sizes of and distance between the connections |  | | | |
| Meter casing | double pipe  co-axial  steel  aluminium  other | | | |
| Accuracy class | Class 1,5  Class 1  Class 0,5 (only for OIML) | | | |
| Environmental application | closed location  open location | | | |
| Test output | mark on the last drum (e.g. reflector)  electrical pulse output (e.g. namur)  optical pulse output (e.g. LED)  serial communication  other | | | |
| Indicated volume | at actual gas condition  temperature corrected  temperature and pressure corrected | | | |

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| METER EQUIPPED WITH ELECTRONICS | |
| Shut- off-valve present | no  meter inlet  meter outlet |
| Wireless communication interfaces | Optical  Bluetooth  BLE  ZigBee  Z-Wave  6LoWPAN  Thread  HaLow  3G  4G  5G  LTE  LTE-M1  NFC  SigFox  LoRaWAN  Ingenu  Weightless  ANT  DigiMesh  EnOcean  Dash7  MBUS  WMBUS  Infrared  RS-485  RS-232  WirelessHART  Other (please specify) |
| Wired communication interfaces | Other (please specify) |

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| PLEASE SPECIFY: | |
| Temperature range | Upper temperature  +40 °C  +55°C  +70 °C  other       °C  Lower temperature  -10°C  -25 °C  -40°C  other       °C  Note: The temperature range has to be equal or larger than 50 °C |
| Maximum pressure(s) |  |
| Ageing test according to EN 1359, EN 14236 or EN 16314 performed with the following conditions:  70°C for 50 days  60°C for 100 days  50°C for 200 days | |

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| OPTIONAL TEST SERVICES |  |
| Pressure measuring point  Electrical insulating feet  Devices to prevent reverse flow  Resistance to high ambient temperature | |

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| OTHER REQUESTS |
| LoRaWAN  version 1.0  version 1.1 |
| Security assessment based on the IEC 62443 IEC 62443 (cyber) security for industrial automation and control systems covers all aspects playing a role in cyber security in process automation, including those applicable to field instruments and network components.  Aimed at the complete life-cycle, criteria include for instance design of complete systems and quality assurance procedures on patch management. Thereby, the IEC provides independently verifiable cyber security assessment to all types of stakeholders. |
| UK Declaration of Conformity  Expected as of Q3 2021. |
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| SYSTEM CERTIFICATION SERVICES | |
| If you want to put meters on the market in the European Union, you also need to able to perform a conformity assessment according to module D, F or H1 (see MID 2014/32/EU for an explanation). NMi also provides this service. For optimal preparation of the audit it is adviced to perform a training and have a pre-audit first. | |
| Training | yes  no |
| Pre-audit | yes  no |
| Audit | yes  no |

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| MARKET INFORMATION | |
| When are your samples available? |  |
| Do you have a specific deadline? |  |
| What are your targeted markets? |  |

Please save this document and send it together with a user manual for the product to nmi@nmi.nl