**TECHNICAL SPECIFICATION OF WOLTMAN WATER METER**

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| **ITEM** | **DESCRIPTION** | **SPECIFICATION** |
| **A** | **GENERAL** | |
| 1 | The Woltman water meter shall be designed for measuring volumes of water in supply lines with high flow at low pressure loss. | |
| 2 | The Woltman water meter chamber can be replaced without removing the meter from the pipe. | |
| 3 | For future development, the Woltman water meter shall also be capable to be converted into a communicating meter by attaching additional communication module. Making it ready for mobile or fixed network reading. | |
| **B** | **FEATURES** | |
| 1 | Size | DN50 up to DN300 |
| 2 | Nominal Flow (Q3) | 40 m³/hr up to 1600 m³/hr |
| 3 | MID Approval | Up to R100 |
| 4 | Body | Cast iron |
| 5 | Protection Class | IP68 |
| 6 | Calibratable and exchangeable measuring insert | |
| 7 | Sealed measuring insert for better accuracy | |
| 8 | Encapsulated and rotating glass/copper register | |
| 9 | Hydraulic bearing relief | |
| 10 | Protection against magnetic fraud | |
| 11 | Installation | horizontal / vertical |
| **C** | **TECHNICAL SPECFICATIONS** | |
| 1 | Water Temperature | 1 to 30 ºC |
| 2 | Temperature Safety | 1 to 50 ºC |
| 2 | Ambient Operating Temperature | 1 to 55 ºC |
| 3 | Nominal Pressure | 16 Bar |
| **D** | **APPROVALS & CERTIFICATE** | |
| 1 | MID Approval | MID (DE-13-MI001-PTB005) |
| 2 | Sanitary Conformity | KTW | W270 |
| **E** | **DISPLAY RANGE** | |
| 1 | DN50 to DN 125 | 0.5 L to 999,999 m³ |
| 2 | DN150 to DN300 | 5.0 L to 9,999,999 m³ |