Online application no. 30395

[I-21/314/2026-W&M Section]

GOVERNMENT OF INDIA/भारत सरकार

MINISTRY OF CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION

उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय

DEPARTMENT OF CONSUMER AFFAIRS/ उपभोक्ता मामले विभाग

LEGAL METROLOGY DIVISION/ विधिक मापविज्ञान प्रभाग

Krishi Bhawan/कृषि भवन, नई दिल्ली

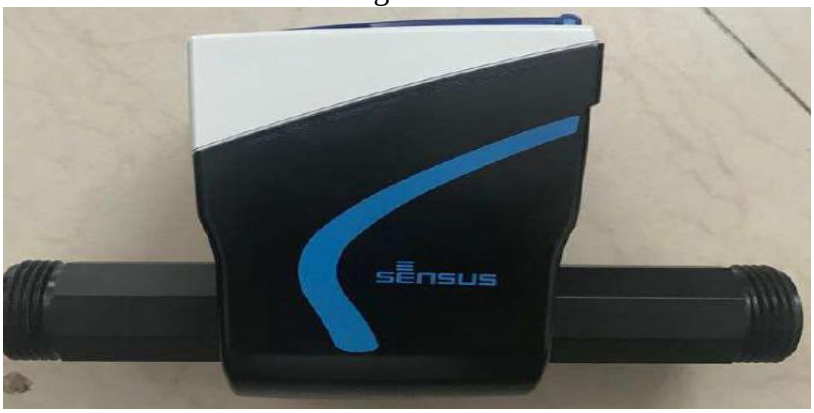
Dated/दिनांक-: 13. 10..2026

Certificate of Approval of Model/ मॉडल का अनुमोदन प्रमाणपत्र

Whereas the Central Government, after considering the report submitted to it by the prescribed authority along with the OIML certificate no.- R49/2013-A-DE1-24.03 issued by Physikalisch-Technische Bundesanstalt (PTB), Germany is satisfied that the model described in the said report (see the figure given below), is in conformity with the provisions of the Legal Metrology Act 2009(1 of 2010) and the Legal Metrology (Approval of Models) Rules, 2011 and the said model is likely to maintain its accuracy over periods of sustained use and to render accurate service under varied conditions;

Now, therefore, in exercise of the powers conferred by section 22 of the Legal Metrology Act, 2009 (1 of 2010) read with sub-rule (6) of rule 8 and sub-rule (4) of rule 11 of the Legal Metrology (Approval of Models) Rules,2011, the Central Government hereby issues the certificate of approval of the model of Water meter with brand name " SENSUS", Type: "iPERL" (hereinafter referred to as the said model), manufactured by M/s Sensus GmbH Ludwigshafen / Industriestr. 16, 67063 Ludwigshafen am Rhein and imported & marketed in India without any alteration before or after sale by M/s Sensus Metering India Private Limited, 5th Floor, 501 B, A Wing, Kaledonia, Sahar Road, Andheri East, Mumbai 400069 and which is assigned the approval mark IND/09/26/ 480 (the picture of the model is given below as Figure 1);

Figure 1




**Technical Data:**

| | |
|---|---|
| Temperature class | T30 (0.1°C … 30°C)<br>T50 (0.1°C … 50°C)<br>T70 (0.1°C … 70°C) |
| Environmental class | M (mobile meters)<br>M2, E2 |
| Maximum admissible pressure | 1.6 MPa (16 bar) |
| Accuracy class | 2 |
| Sensitivity class | U0/D0 |
| Orientation/Mounting | Any |
| Reverse flow | The water meter is designed to measure reverse flow |
| Pressure loss | Δp 40 |

Measurement characteristics:

| Nominal diameter mm | Q1 $m^3/h$ | Q2 $m^3/h$ | Q3 $m^3/h$ | Q4 $m^3/h$ |
|---|---|---|---|---|
| 15 | 0.003125 | 0.005 | 2.5 | 3.125 |
| 20 | 0.005 | 0.008 | 4 | 5 |
| 25 | 0.007875 | 0.0126 | 6.3 | 7.875 |
| 32 | 0.0125 | 0.02 | 10 | 12.5 |
| 40 | 0.02 | 0.032 | 16 | 20 |

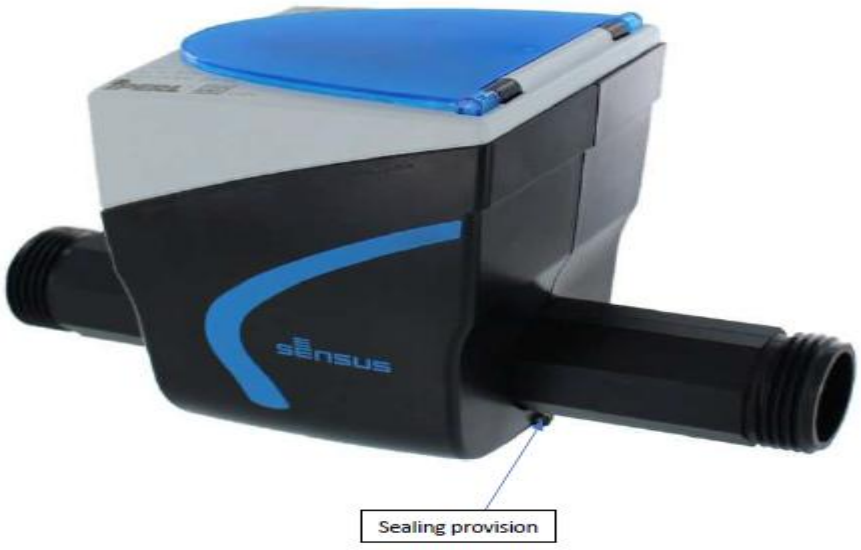



Figure-2

A typical schematic diagram of sealing provision to prevent the fraudulent practices of the model is given above as Figure 2.

[F.No.I-21/314/2026-W&M Section]

ASHUTOSH AGARWAL
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Date: 2026.10.13 10:33:44 +05'30'

(Ashutosh Agarwal/आशुतोष अग्रवाल)
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