



Online application no. 23579

[I-21/23/2026-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:- 03. 07..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 EU type examination certificate no.- DE-24-MI002-PTB001, Revision 3 issued by Physikalisch-Technische Bundesanstalt, 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 Gas meter, Type: "FLOWSIC550" of accuracy class: 1.0 (hereinafter referred to as the said model), manufactured by M/s Endress+Hauser SICK GmbH+Co.KG, Bergener Ring 27, 01458 Ottendorf-Okrilla and imported & marketed in India without any alteration before or after sale by M/s Endress+Hauser (India) Private Limited, India 7B, 7th Floor, Godrej One, Pirojshahnagar, Eastern Express Highway, Vikhroli , Mumbai, Maharashtra-400079 which is assigned the approval mark IND/09/26/ 310 (the picture of the model is given below as Figure 1);

Valid until: 05.05.2034

Figure 1



Technical Data:

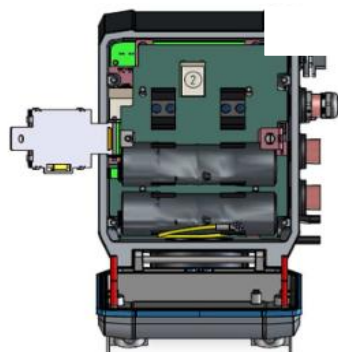
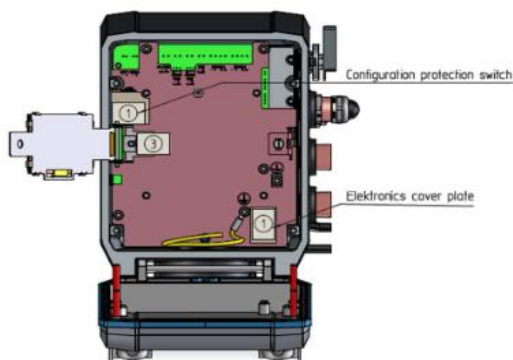
Accuracy Class	1.0
Gas Temperature range	-40 °C to +70 °C
Ambient temperature range	-40 °C to +70 °C
Storage temperature range	-40 °C to +70 °C
Operating Pressure range	0.8 bar to 104.4 bar
Mechanical factors	Class M2
Electromagnetic factors	Class E2
Ingress Protection rating	IP66



Nominal diameter	Qmin	Qt,min	Qmax	Decimal places
[mm]	[m³/h]	[m³/h]	m³/h]	Maximal 2
DN50	2.5	16	160	
DN80	4	40	400	
DN100	6.5	65	650	
DN150	16	160	1600	Maximal 1

Software Details:

Version	Checksum
1.02.01	0xF1DB444E
1.02.02	0x2B172A1D
1.03.00	0x4A64BC8E
1.04.00	0xD869BBEF



Sealing Provision:

1. Metrological
2. Terminal cover plate
3. Assembly seal
4. User seal

Figure-2

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

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