[I-21/242/2025-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-: 26 .09.2025

Certificate of Approval of Model/ मॉडल का अनुमोदन प्रमाणपत्र

Whereas the Central Government, after considering the report submitted to it by prescribed authority, along with the EU-Type examination certificate no. T10339 revision 26 issued by NMi Certin B.V, Thijsseweg 11 2629 JA Delft, The Netherlands 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) of Electronic Gas-Volume Conversion Device (EVCD) type "EK280" with brand name " Elster" intended to be used for gas volume conversion as a sub-assembly of a gas meter (hereafter in this notification referred to as the said model) manufactured by M/s Elster GmbH, Steinernstrabe 19, 55252 Mainz-Kastel, Germany and imported & marketed in India without any alteration before or after sale by M/s Honeywell Automation India Limited 56 & 57 Hadaspsar Industrial Estate, Pune 411013, Maharashtra and which is assigned the approval mark IND/09/25/371 (the picture of the model is given below as Figure 1);

Valid Until: 31.05.2031

Figure 1

Technical Data:

Environmental Class	M2/E2
Temperature range gas	-25 °C to +55 °C
Conversion principle	T,PT or PTZ
Ambient Temperature range	-25 °C to +55 °C
Intended use of the instrument	Used for gas volume conversion as a sub-assembly of a gas meter
Power Supply	Battery Supply: 2 lithium batteries(3.6 Vdc, 16.5Ah, D-size) DC power supply: Built in 8V (Minimum 7.5 V, Maximum 8.5 V) dc power supply AC mains power supply 230V±15% at 50Hz
Communication ports	Ethernet port or cellular communications

Pressure Ranges :

Type	Pressure range p (bar)
Pressure Transmitter Type CT 30	$0.7 \leq p_{abs} \leq 2$
	$0.8 \leq p_{abs} \leq 5$
	$0.8 \leq p_{abs} \leq 6$
	$1.4 \leq p_{abs} \leq 7$
	$2 \leq p_{abs} \leq 10$
	$2.4 \leq p_{abs} \leq 12$
	$4 \leq p_{abs} \leq 20$
	$6 \leq p_{abs} \leq 30$
	$8 \leq p_{abs} \leq 40$
	$14 \leq p_{abs} \leq 70$
	$16 \leq p_{abs} \leq 80$
Pressure Transmitter Type 17002	$0.9 \leq p_{abs} \leq 7$
	$0.8 \leq p_{abs} \leq 10$

Software Specifications:

Software version	Checksum	Software version	Checksum
1.00	35354	2.50	51353
1.01	61021	2.51	3268
1.10	59904	2.52	44920
2.00	53441	2.53	1424
2.10	41245	2.54	33682
2.20	61767	2.55	14787
2.23	34248	2.60	8582
2.30	53895	2.61	26065
2.31	1724	2.62	456670CB
2.32	16186	2.64	1F5B3671
2.40	62516		

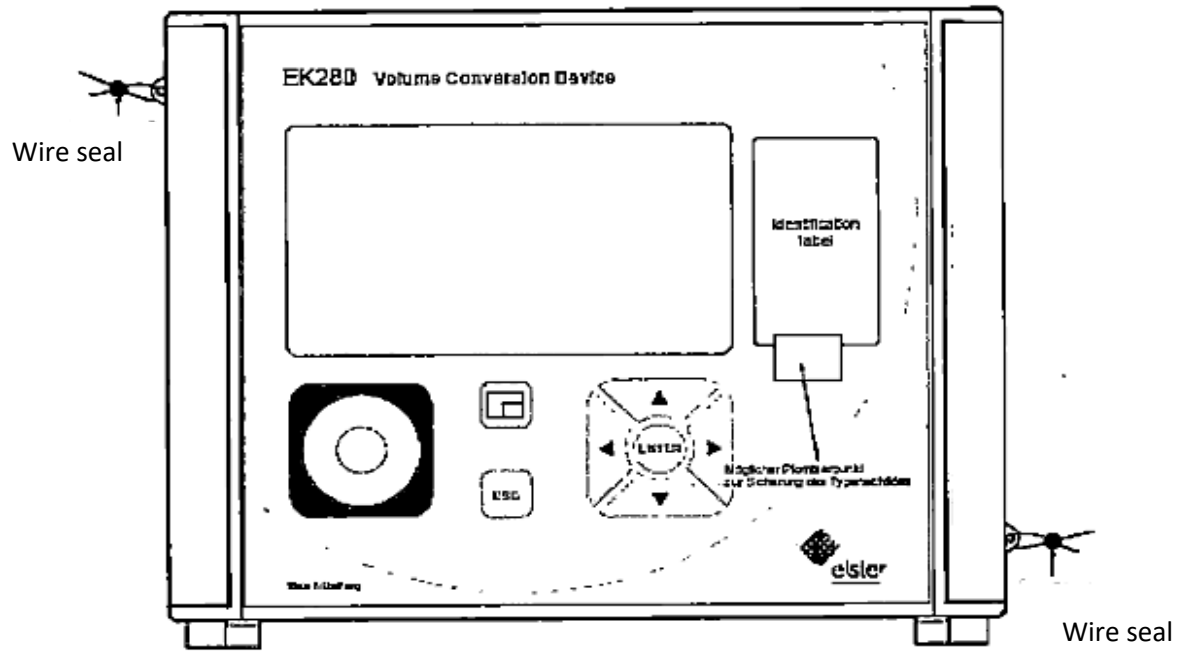

Figure 2

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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ASHUTOSH AGARWAL

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Date: 2025.09.26 12:43:20 +05'30'

(Ashutosh Agarwal/आशुतोष अग्रवाल)
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