



Online Application No. 24012

[I-21/92/2026-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:- 13.04.2026

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. T12625 revision 1 issued by NMI Certin B.V, Thijssseweg 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 Electronic Gas-Volume Conversion Device (EVCD) type “EK205”& “EK205-M” with brand name “Elster” intended to be used for gas volume conversion as a sub-assembly of a gas meter (herein after referred to as the said model) manufactured by M/s Honeywell Automation India Limited Plot No 3 , Gat No 181, Village Fulgaon, Tal-Haveli, Pune 412216, Maharashtra and which is assigned the approval mark IND/09/26/163 (the picture of the model is given below as Figure 1);

Valid Until: 18.07.2033

Figure 1



EK205



EK205-M

Technical Data:

Type of instrument	Electronic Gas volume conversion device (EVCD)
Conversion principle	T,PT or PTZ
Ambient Temperature range	-25°C to +55°C
Gas Temperature range	-30°C ≤ t ≤ +60°C
Designed for	Non condensing humidity
Environment classes	M2/E2
Display	LCD
Power supply	3.6 V DC , 17Ah, D size
Serial communication	Serial (RS 232, RS-485) and optical communication port

Essential Parts:

Part	Remarks
CPU Board	Component lay-out Essential part list
Pressure transmitter (integrated or external)	Manufacturer: Endress + Hauser GmbH, Type : CT 30
Temperature transmitter	Pt500



Essential characteristics:

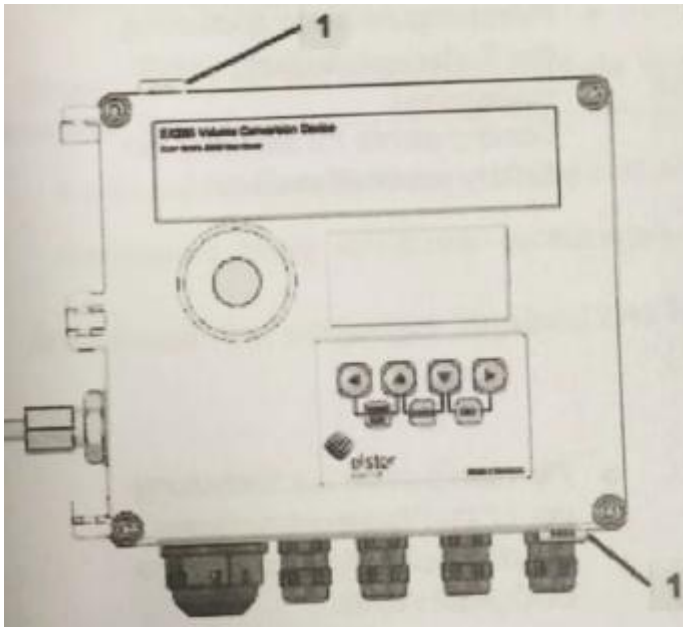
Software specification:

Software type	P
Risk class	C
Extension	L

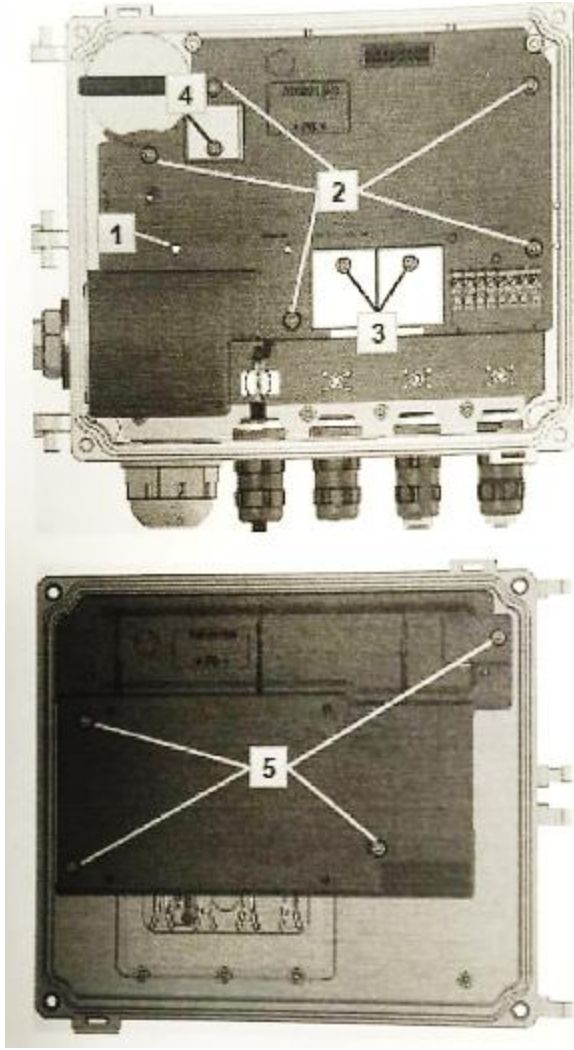
Software version	Checksum
1.02	3581
1.03	3454
1.04	17135
1.05	38030
1.06	29453
1.07	5128
1.08	5863B791

Pressure ranges:

Type	Pressure Range p (bar)
CT30	$0.7 \leq p_{abs} \leq 2$
	$0.8 \leq p_{abs} \leq 5$
	$0.8 \leq p_{abs} \leq 6$
	$1.4 \leq p_{abs} \leq 7$
	$2 \leq p_{abs} \leq 10$
	$2.4 \leq p_{abs} \leq 12$
	$4 \leq p_{abs} \leq 20$
	$6 \leq p_{abs} \leq 30$
	$8 \leq p_{abs} \leq 40$
	$14 \leq p_{abs} \leq 70$
$16 \leq p_{abs} \leq 80$	



1. Lid sealing using wiring seals through sealing plugs



1. Sealing point for securing the calibration switch
2. Sealing points for securing the plate covers
3. Sealing points for securing the terminal covers of the inputs and outputs.
4. Sealing point for securing the battery cover (if available)

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-21/92/2026-W&M Section]



Director (Legal Metrology) to Govt. of India/ (Ashutosh Agarwal/आशुतोष अग्रवाल)
निदेशक (विधिक माप विज्ञान) भारत सरकार
Phone/दूरभाष 01123389489
Email/ई-मेल: dirwm-ca@nic.in