



Online application no. 23970

[I-21/49/2026-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, New Delhi/कृषि भवन, नई दिल्ली

Dated/दिनांक:- 28.08.2026

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: PL-MI002-1450DM0006 issued by Instytut Nafty i Gazu-Panstwow Instytut Badawczy, Poland, 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 Rotary Displacement Gas Meter, Type: "CGR-04" with brand name "COMMON S.A." of accuracy class: 1.0 (hereinafter referred to as the said model) manufactured by M/s COMMON S.A., ul.Aleksandrowska 67/93,91-205, Lodz, Polska and imported & marketed in India without any alteration before or after sale by M/s Kimpex Flow Private Limited. B-411, Mangolpuri Industrial Area Phase 1, Mangolpuri, New Delhi-110083 and which is assigned the approval mark IND/09/26/ 414 (the picture of the model is given below as Figure 1);

Valid Until: 20.12.2031

Figure 1



Technical Data:

Accuracy class	1.0
Mechanical environment class	M1
Electromagnetic environment class	E2
Maximum operating pressure	≤ 2.0 Mpa
Ambient temperature range	-25°C to +70°C
Gas temperature range	-25°C to +70°C
Storage temperature range	-30°C to +70°C
Resistance to high temperature	T (at 10kPa/0.1 bar)
Index measuring range (9 digit index)	9999999.99 m ³ for LF = 10 imp/ m ³ 999999.999 m ³ for LF = 100 imp/ m ³
Nominal size for connections	DN40, DN50, DN65, DN80
Family of gases	Gaseous fuels



Nominal Diameter (DN)	Gas meter size G	Minimum flowrate Qmin	Maximum Flow rate Qmax	Cyclic volume V	LF (Pulse value)	LF (Pulse value)	Δp Pressure loss at Qmax			
mm	-	m³/h	m³/h	dm³	imp/ m³	imp/ m³	kPa			
40/50	G10	0.4 - 0.8	16	0.16	100	32667	0.35			
					10	7947				
	G16	0.4 – 1.3	25		100	32667	0.83			
					10	7947				
	G25	0.4 – 2.0	40		100	32667	1.9			
					10	7947				
	G40	0.4 – 3.2	65		100	32667	4.7			
					10	7947				
	G65	0.4 – 5.0	100	10	7947	10.5				
	G25	0.4 – 2.0	40	0.36	100	15625	0.82			
					10	3636				
					G40	0.4 – 3.2	65	100	15625	2.1
					10	3636				
					G65	0.4 – 5.0	100	10	3636	4.9
	G100	0.4 – 8.0	160	10	3636	10				
	50/65/80	G65	1.0 – 5.0	100	0.61	10	2135	4.3		
1						1437				
G100		1.0 – 8.0	160	10		2135	11			
				1		1437				
G160		1.0 – 13.0	250	10		2135	26			
				1		1437				
G250		1.0 – 20.0	400	10		2135	67			
				1		1437				

Seal location on the gas meter

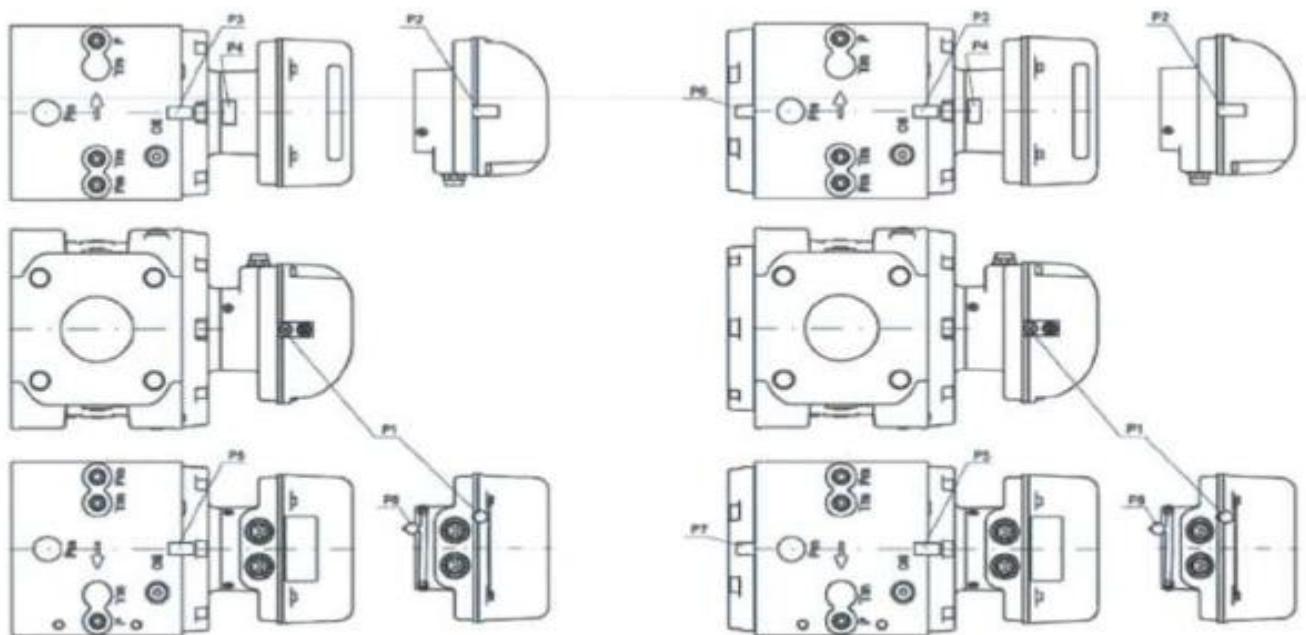
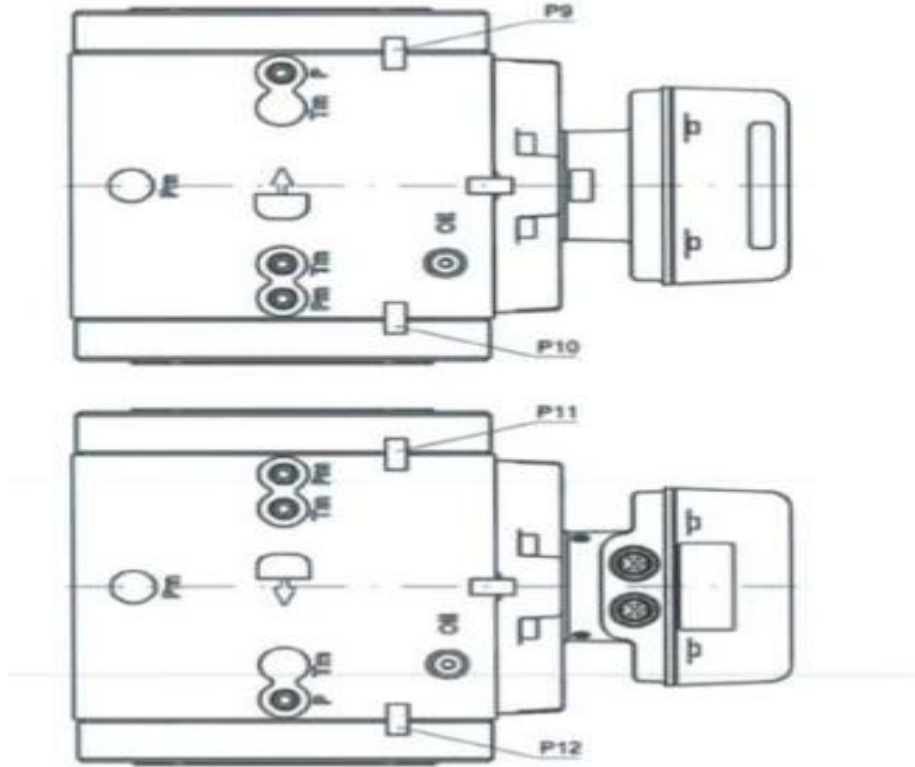


Figure-2



Protection seals (P9 to P12)

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/आशुतोष अग्रवाल)
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