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Government of India

Ministry of Consumer Affairs, Food and Public Distribution

Department of Consumer Affairs

New Delhi, Dated the 19/9/2012

#### Notification

S.O---Whereas the Central Government, after considering the report submitted to it by the prescribed authority along with the Model approval certificate issued by the PTB, Germany/NMI Netherland, 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 the second proviso to section 22 of the Legal Metrology Act, 2009 (1 of 2010) and sub-rule (6) of rule 8 and sub-rule (4) of rule 11 of the Legal Metrology (Approval of Models) Rules, the Central Government hereby issues and publishes the certificate of approval of model of measurement sensor (coriolis sensor), intended to be used as a part of a measuring system of series "Promass 84F/ Promass 84X" and brand 'ENDRESS+HAUSER' (hereinafter referred to as the model), manufactured by M/s Endress+Hauser Flowtec (India) Pvt Ltd, M-171 to 176, MIDC, Waluj, Aurangabad-431136 and which is assigned the approval mark IND/13/12/347 ;

The said model is a measurement sensor (coriolis sensor) which is part of the measuring system used for measuring volume and density. The minimum and maximum volume flow rate is equal to the mass flow rates divided by the density of the liquid. The MMQ on volume is equal to the MMQ on mass divided by the liquid density.

Essential Characteristics:

Maximum Pressure: 100 bar (g)

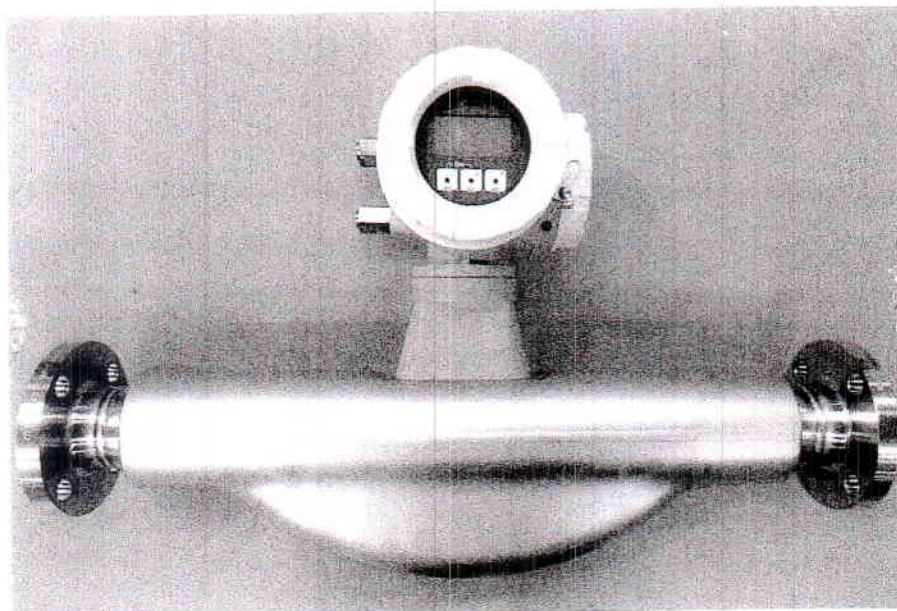
#### Promass 84F Sensors

	DN8	DN15	DN25	DN40	DN50	DN80
Q max(kg/min)	30	100	300	700	1000	3000
Q min(kg/min)	1.5	5	15	35	50	150
MMQ Sensor(kg)	2	5	20	50	20	200
	DN100	DN150	DN250			
Q max(t/h)	270	720	2200			
Q min(t/h)	12	15	90			
MMQ Sensor(kg)	200	500	1000			

#### Promass 84X Sensors

	DN350
Q max(t/h)	3500
Q min(t/h)	90
MMQ Sensor(kg)	1000

Figure 1



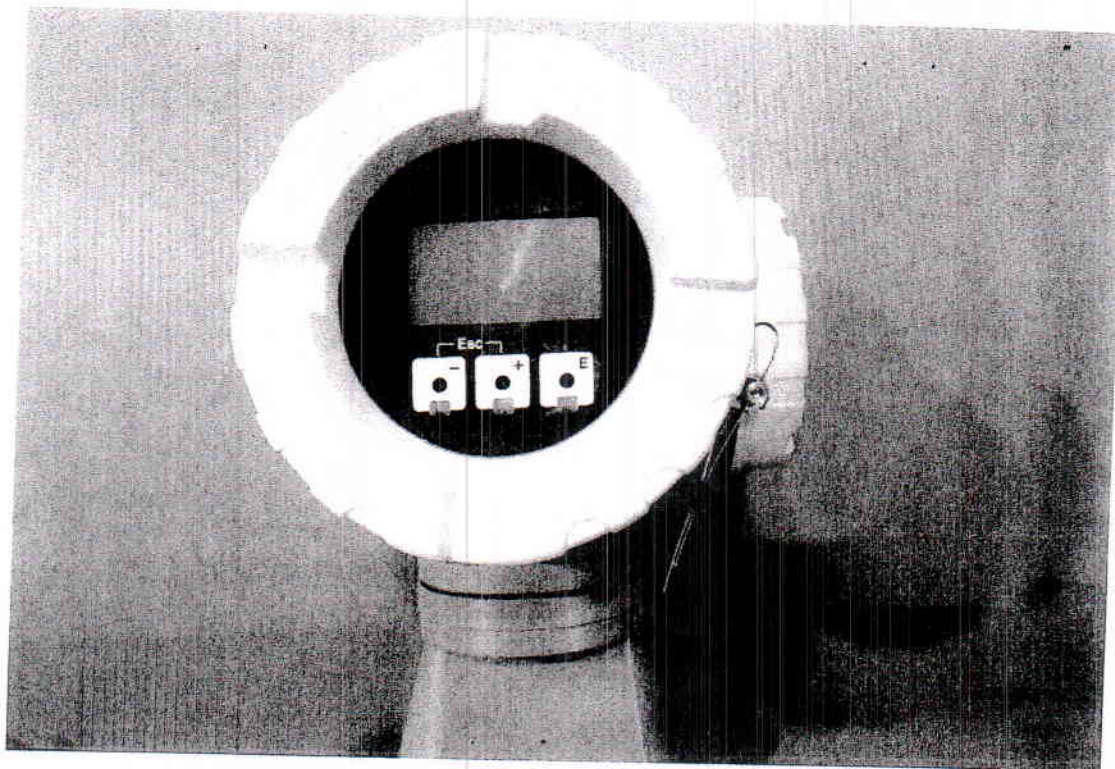


Figure 2. Sealing Diagram

Sealing is done by passing the sealing wire from the body of the Gas Meter through holes. A typical schematic diagram of sealing provision of the model is given above.

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Director (Legal Metrology) to Government of India