



[I-21/33/2026-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:- 06.02.2026

### 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 OIML Certificate No. R76-2006-A-NL1-25.21 revision 0 issued by 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 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 an Indicator of series "XT 3000" (hereinafter referred to as the said model) manufactured by M/s Thames Side Sensors LTD, Unit 10,io Trade Centre, Deacon, Berkshire RG30 6AZ, United Kingdom and imported & marketed in India without any alteration before or after sale by M/s Thames Side Sensors India Private Limited, C-6 & C-7, Hind Saurashtra Industrial Estate, Near Mittal Industrial Estate, Marol Naka, Andheri (E), Mumbai, Maharashtra 400059 which is assigned the approval mark IND/09/26/ 56 (the picture of the model is given below as Figure 1);

#### Technical Data:

Configuration	Analog load cell
Accuracy class	III or III
Weighing range	Single interval
Maximum number of scale intervals	$n \leq 6000$
Load cell excitation voltage	5 V DC
Minimum signal input voltage	$U_{min} = -25$ mV
Minimum input voltage per verification scale interval	0.5 $\mu$ V
Minimum load cell resistance	43 $\Omega$
Maximum load cell resistance	1000 $\Omega$
Fraction of the maximum permissible error	0.5
Load cell interface	6-wire with sense technology, may be configured as 4-wire
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	2232 m/mm <sup>2</sup> In case sense technology is not used the load cells are connected directly without junction box or extension cable
Temperature range	-10 °C / +40 °C
Power supply voltage	10 - 28 V DC
Software identification	Version number: 1.xxxx. (x= 0...9)



Figure 1

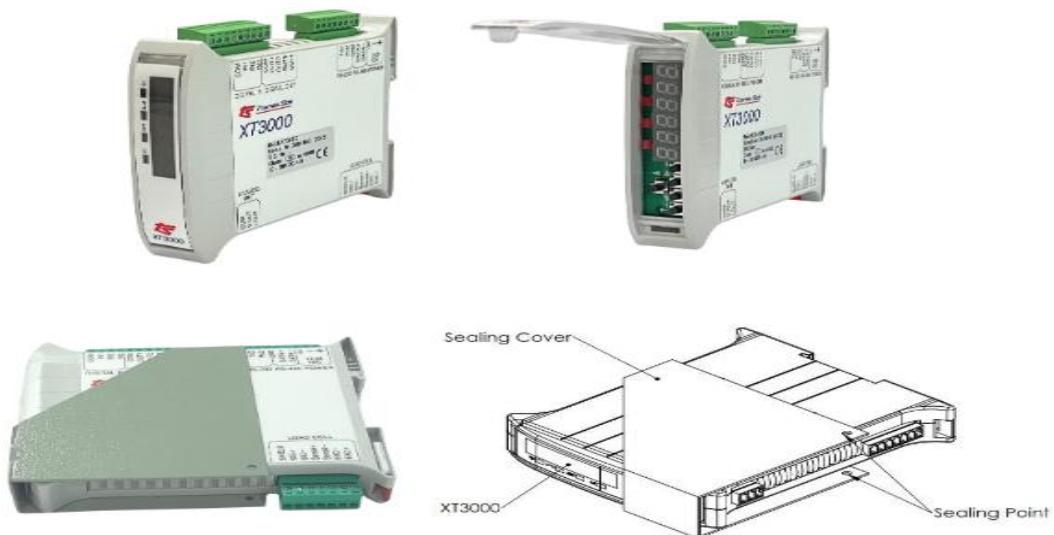


Figure 2

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

[F.No. I-21/33/2026-W&M Section]



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

Online Application No.23838