

EU Declaration of Conformity (No. 20921)

Herewith declare that the Products: **SONARtrac Industrial Flowmeter**
Product identification: brand and catalog number/part number. **TB8-xx-xx-xx-03 Transmitter with SH-xxx-xx-xA-xxx-03 Sensor Head**
Traceability: serial number and date code **TB8-xx-xx-xx-04 Transmitter only**
(where x represents any alphanumeric combination)
The undersigned, representing the Manufacturer:

CiDRA Corporate Services Inc., 50 Barnes Park North, Wallingford, CT 06492 USA

This Declaration of Conformity is issued under the sole responsibility of the Manufacturer, and further declares that the Products are in conformity with the provisions of the following EU Directive(s) when installed in accordance with the installation instructions contained in the product documentation:


2014/30/EU	Electromagnetic Compatibility (EMC) Directive. Group 1, Class A Product.
2014/34/EU	Equipment Intended for Use in Potentially Explosive Atmospheres (ATEX)
2011/65/EU	Restriction of Hazardous Substances (RoHS3 2015/863/EU)

and that the standards and/or technical specifications referenced below have been applied:

EN 55011:2009 + A1:2010	Industrial, Scientific, and Medical (ISM) Radio Frequency Equipment – Electromagnetic Disturbance Characteristics — Limits and Methods of Measurement
EN61326-1:2013	Electrical Equipment for Measurement, Control, and Laboratory Use – EMC Requirements
EN61326-2-3:2013	Test Configurations, Operational Conditions and Performance Criteria for Transducers with Integrated or Remote Signal Conditioning.
EN 60079-0:2012	Electrical Apparatus for Explosive Gas Atmospheres – Part 0: General Requirements
EN 60079-11:2012	Electrical Apparatus for Explosive Gas Atmospheres – Part 11: Construction, Test and Marking of Type of Protection “i” Intrinsic Safety
EN 60079-15:2010	Electrical Apparatus for Explosive Gas Atmospheres – Part 15: Construction, Test and Marking of Type of Protection “n” Electrical Apparatus
EN 60529:1991 + A1:2000	Specifications for Devices of Protection Provided by Enclosures (IP Code)
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Component/ATEX marking	TB8-xx-xx-xx-03 with SH-xxx-xx-xA-xxx-03		II 3 G Ex ic nA [ic] IIB T4 Gc IP55
	TB8-xx-xx-xx-04		II 3 G Ex ic nA IIB T4 Gc IP55

Notified Body **UL Int’l Demko A/S, Lyskaer 8; P.O. Box 514; DK-2730; Herlev, Denmark**
ATEX Cert **DEMKO 07 ATEX 0608105X**

Name:	Michael Grillo 	Position/Company:	Vice President CiDRA Corporate Services Inc.
Signature:	_____	Place:	50 Barnes Park North, Wallingford, CT 06492 USA
Date:	04/27/2022		