



EU-TYPE EXAMINATION CERTIFICATE

- 1
- 2 Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014
- 3 EU-Type Examination Certificate Number: **Sira 15ATEX2152X** Issue: **5**
- 4 Equipment: **Transducer Sensors/AC9**, TA9**, VE9**, LP8**, LP9**, LPH8**, LPH9** Series**
- 5 Manufacturer: **CTC - Connection Technology Center, Inc.**
- 6 Address: **7939 Rae Blvd.
Victor
New York 14564
USA**
- 7 This product and any acceptable variation thereto, is specified in the schedule to this certificate and the documents therein referred to.
- 8 CSA Group Netherlands B.V., Notified Body No. 2813 in accordance with Article 17 of the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive.
- The examination and test results are recorded in the confidential reports listed in item 16.2.
- 9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN IEC 60079-0:2018 EN 60079-11:2012
- Where additional criteria beyond those given here have been used, they are listed in item 18 in the Schedule.
- 10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the "Specific Conditions of Use" listed in item 17 of this certificate.
- 11 This EU-Type Examination Certificate relates only to the technical design of the specified product in accordance with the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product, these are not covered by this certificate.
- 12 The marking of the product shall include the following (additional marking is provided in the Schedule as a part of item 15, if applicable):
Refer to Schedule

Signed: Michelle Halliwell
Title: Senior Director of Operations
Date: 27 April 2026



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SCHEDULE

14 EU-Type Examination Certificate Number: Sira 15ATEX2152X Issue: 5

15 Description:

Marking



I M1
Ex ia I Ma
Ta @ -40°C to +121°C



II 1G
Ex ia IIC T3 -T4 Ga
T3: Ta @ -40°C to +121°C
T4: Ta @ -40°C to +80°C



II 2D
Ex ib IIC T135°C ... T*°C Db
*Temperature Class depends on the models and the ambient temperature.
T147°C: Ta @ -40°C to +121°C (All models besides models AC970 and AC971)
T156°C: Ta @ -40°C to +121°C (For models AC970 and AC971)
T135°C: Ta @ -40°C to +80°C

Vibration sensors are used for acceleration measurement by means of piezo-electric device. The piezo-electric is subjected to compression pressure from a mass which produce a voltage in proportion to the acceleration. The voltage is then amplified by internal electronic circuitry. This can also be integrated within the amplifier board to product a velocity output, referred to

with a VE prefix. For the Loop Power and Premium Loop Power series (LP/LPH prefix), the output is converted to a 4-20 mA. These sensors can be used in conjunction with a temperature board to provide the temperature of the environment the sensor is contained within this configuration is referred to with a TA prefix. The sensors are mounted to the surface of the desired surface via a threaded bolt or by other means to be approved of by the authority having jurisdiction.

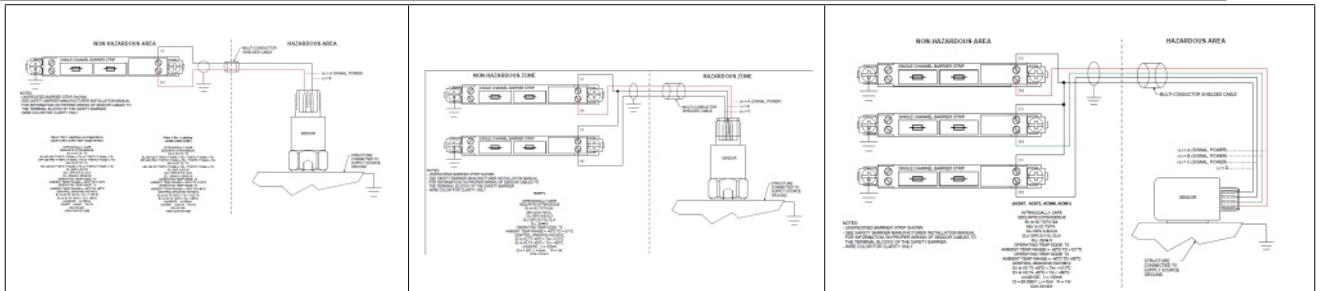
In terms of connectors and cables, involved models overlap slightly as shown below:

A- Refer to DWG INS10211 for connections' details:

2 Pin Vibration Sensors Connected to 1 Single Channel Barrier	3 Pin Vibration Sensors - Connected to 1 Dual Channel Barrier - or 2 Single Channel barrier	4 Pin Vibration Sensors - Connected to 1 Dual Channel Barrier & 1 Single Channel barrier - or 3 Single Channel barrier
AC91 Series	TA91 Series	AC972 Series
LP8* Series	AC979 Series	AC98* Series
LP9* Series		
VE9 Series		
AC96 Series		
LPH8** Series		
LPH9** Series		
LPH84* Series		
LPH94* Series		
AC97* Series		



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- Standard accelerometers and velocity sensors have 2 pins and uses 2 wire cable, 1 wire is for the sensing element and 1 common.
- The Biaxial, designated sensors have 3 pins and uses 3 wire cables. For the biaxial sensor 2 wires are for the different sensing elements and 1 common. For temperature, 1 wire is for signal, 1 for temperature, 1 shared common.
- The Triaxial designated sensors have 4 pins and a 4 wire cable. For Triaxial 1 wire for each of the 3 sensing elements and 1 for common. For low power with temperature, 1 wire is for signal, 1 for temperature, 1 for power and 1 for shared common.

B- For each model maximum allowable integral cable length as shown below:

- 1- For models utilising blocking diodes the maximum cable length would be 1600 ft (488 m)
- 2- For models not utilising blocking diodes the maximum cable length would be 200 ft (61 m)

Models With Integral Cables	Maximum Integral Cable Length
AC970-XR THROUGH AC979-XR AC980-XR THROUGH AC989-XR	200 ft (61 m)
AC911-XR, AC913-XR, AC914-XR, AC915-XR, AC916-XR, AC917-XR, AC918-XR	1600 ft (488 m)
AC961-XR, AC952-XR, AC963-XR, AC964-XR, AC965-XR, AC966-XR, AC967-XR, AC968-XR	1600 ft (488 m)
TA91*-XR	1600 ft (488 m)
LP80*-XR, LPH8***-XR LP90*-XR, LPH9***-XR	1600 ft (488 m)
VE901-XR, VE902-XR	1600 ft (488 m)

C- For models specified with integral cables the following list to be utilised:

Part Number	Capacitance	Resistance	Inductance
CB102	48.0 pF/ft	10.0Ω/1000ft	0.081μH/ft
CB103*	49 pF/ft	9.7Ω/1000ft	0.047μH/ft
CB193*	49 pF/ft	9.7Ω/1000ft	0.047μH/ft
CB111	45.0 pF/ft	10.0Ω/1000ft	0.084μH/ft
CB190*	36 pF/ft	9.5Ω/1000ft	0.19μH/ft
CB206	35 pF/ft	42Ω/1000ft	0.062μH/ft
CB296	35 pF/ft	42Ω/1000ft	0.062μH/ft
CB212	41 pF/ft	13.0Ω/1000ft	0.092μH/ft
CB191*	44.13 pF/ft	11.9Ω/1000ft	0.18μH/ft
CB192*	37.15 pF/ft	16.41Ω/1000ft	0.20μH/ft
CB298	27.9 pF/ft	15.4Ω/1000ft	0.21μH/ft

*NOTE: These cables are only acceptable for use in sensors rated for a maximum ambient of +80°C.



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Accelerometers' nomenclature have been adjusted to present the distinguished type of enclosure and PCB enclosed.

Item number	Model Nomenclature	Entity Parameters
AC Series with and without Integral Cables (DWG INS 10211)		
Without integral cable	AC911-1R, AC912-1R, AC913-1R, AC914-1R, AC915-1R, AC916-1R, AC917-1R, AC918-1R	U _i = 28VDC I _i = 120mA P _i = 1W C _i = 0nF L _i = 0μH
With integral cable	AC911-XR, AC912-XR, AC913-XR, AC914-XR, AC915-XR, AC916-XR, AC917-XR, AC918-XR	U _i = 28VDC I _i = 120mA P _i = 1W C _i = 80.4nF L _i = 336μH
Without integral cable	AC961-1R, AC963-1R, AC964-1R, AC965-1R, AC966-1R, AC967-1R, AC968-1R	U _i = 28VDC I _i = 120mA P _i = 1W C _i = 0nF L _i = 0μH
With integral cable	AC961-XR, AC963-XR, AC964-XR, AC965-XR, AC966-XR, AC967-XR, AC968-XR	U _i = 28VDC I _i = 120mA P _i = 1W C _i = 80.4nF L _i = 336μH
Without integral cable	AC970-1R THROUGH AC979-1R AC980-1R THROUGH AC989-1R	U _i = 28VDC I _i = 120mA P _i = 1W C _i = 28nF L _i = 0μH
With integral cable	AC970-XR THROUGH AC979-XR AC980-XR THROUGH AC989-XR	U _i = 28VDC I _i = 120mA P _i = 1W C _i = 40nF L _i = 40.2μH
TA Series with and without Integral Cables (DWG INS 10211)		
Without integral cable	TA91*-1R	U _i = 28VDC I _i = 120mA P _i = 1W C _i = 1.5nF L _i = 0μH
With integral cable	TA91*-XR	U _i = 28VDC I _i = 120mA P _i = 1W C _i = 82nF L _i = 336μH



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Item number	Model Nomenclature	Entity Parameters
LP Series with and without Integral Cables (DWG INS 10211)		
Without integral cable	LP80*-1R, LP90*-1R	Ui = 28VDC Ii = 120mA Pi = 1W Ci = 0nF Li = 0μH
With integral cable	LP80*-XR, LP90*-XR	Ui = 28VDC Ii = 120mA Pi = 1W Ci = 80.4nF Li = 336μH
Without integral cable	LPH8**-1R, LPH9**-1R	Ui = 28VDC Ii = 120mA Pi = 0.63W Ci = 0nF Li = 0μH
With integral cable	LPH8**-XR, LPH9**-XR	Ui = 28VDC Ii = 120mA Pi = 0.63W Ci = 80.4nF Li = 336μH
VE Series with and without Integral Cables (DWG INS 10211)		
Without integral cable	VE901-1R, VE902-1R	Ui = 28VDC Ii = 120mA Pi = 1W Ci = 0nF Li = 0μH
With integral cable	VE901-XR, VE902-XR	Ui = 28VDC Ii = 120mA Pi = 1W Ci = 80.4nF Li = 336μH

Variation 1 - This variation introduced the following changes:

- i. Assessment of new accelerometers' added models. The description was amended to recognise these new models. The Special Conditions of Use and Conditions of Manufacture were also amended.
- ii. Addition of the full nomenclature for all accelerometers' models to the report.
- iii. Following appropriate assessment to demonstrate compliance with the latest technical knowledge, EN 60079-0:2012 was replaced by EN IEC 60079-0:2018
- iv. Changing all accelerometers assessed models' entity parameters to match corresponding Schematics.
- v. Updating Schematics to reflect applied changes, updating nameplates and instruction manual.
- vi. Excluding accelerometers' obsolete models and those of different marking.
- vii. The ambient temperature range was corrected to include the T4 marking which had previously been omitted.

Variation 2 - This variation introduced the following change:

- i. Addition of Marking, Ex ia I Ma.



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Variation 3 - This variation introduced the following change:

- i. Corrected Product Name/Model Number.
- ii. Updated Markings to include Ex ib IIIC T135°C ... T143°C Db.
- iii. Updated Product Description.
- iv. Updated Specific Conditions of Use.
- v. Updated Manufacturer's Documents.

Variation 4 - This variation introduced the following change:

- i. Addition of Premium Loop Powered Sensors, models LPH8**, LPH9**.
- ii. Addition of a "board only epoxy" version.
- iii. Addition of two alternative encapsulants.
- iv. Removal of the following sensor models: AC90 Series, AC81 Series, AC82 Series, AC86 Series, TA81 Series, TA82 Series, LP81 Series, LP91 Series, LP85 Series, LP86 Series, LP95 Series, LP96 Series.
- v. Correction of entity parameters for some models.
- vi. Addition of new cable CB206.
- vii. Update of the T-code for dust marking.
- viii. Additional specific condition of use for the entity parameter conditions.

16 Drawings and documents:

16.1 Technical documents:

Refer to Certificate Annex.

16.2 Associated reports and certificate history:

Issue	Date	Report number	Comment
0	12 June 2015	R70009243A	The release of the prime certificate.
1	05 November 2019	R70206069A	This Issue covers the following changes: <ul style="list-style-type: none">• EC Type-Examination Certificate in accordance with 94/9/EC updated to EU Type-Examination Certificate in accordance with Directive 2014/34/EU. (In accordance with Article 41 of Directive 2014/34/EU, EC Type-Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Variations to such EC Type-Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)• The introduction of Variation 1.
2	31 October 2019	1611	Transfer of certificate Sira 15ATEX2152X from Sira Certification Service to CSA Group Netherlands B.V.
3	06 March 2023	R80132561A	The introduction of Variation 2.
4	28 March 2025	R80042039A	The introduction of Variation 3.
5	27 April 2026	R80288006A	The introduction of Variation 4.

17 Specific conditions of use (denoted by "X" after the certificate number):

- 17.1** All models of the assessed equipment are required to be connected to a properly rated I.S. barrier as per DWG INS10211. The Ui & li parameters are the worst case voltage and current from the combination of these barriers, but they cannot appear at the same time. It is the end-users' responsibility to ensure that the combined voltage and current of the connected barriers does not exceed the values of Table A.1 of IEC 60079-11:2011 Ed 6.



- 17.2 Cables of the following part numbers are restricted only for use with sensors of a maximum ambient temperature of + 80 °C, The manufacturer shall ensure that the product is marked accordingly:
- CB103
 - CB190
 - CB191
 - CB192
 - CB193

17.3 Maximum Cable lengths are specified and these maximum values shall not be exceeded as per the following list:

Models With Integral Cables	Maximum Integral Cable Length
AC970-XR THROUGH AC979-XR AC980-XR THROUGH AC989-XR	200 ft (61 m)
AC911-XR, AC912-XR, AC913-XR, AC914-XR, AC915-XR, AC916-XR, AC917-XR, AC918-XR	1600 ft (488 m)
AC961-XR, AC963-XR, AC964-XR, AC965-XR, AC966-XR, AC967-XR, AC968-XR	1600 ft (488 m)
TA91*-XR	1600 ft (488 m)
LP80*-XR, LPH8**-XR, LP90*-XR, LPH9**-XR	1600 ft (488 m)
VE901-XR, VE902-XR	1600 ft (488 m)

17.4 The entity parameters of the vibration sensors and integrated cables shall not be exceeded as per the marked nameplates. Refer to the following controlled document for details:

- INS10211

17.5 For sensors without Integral Cables, the field wiring cable operating temperature shall be rated above the sensor T-code and follow the following conditions:

$$U_o \leq U_i \qquad I_o \leq I_i \qquad P_o \leq P_i \qquad C_o \geq C_i + C_{cable} \qquad L_o \geq L_i + L_{cable}$$

18 **Essential health and safety requirements of Annex II (EHSRs):**

The relevant EHSRs that are not addressed by the standards listed in item 9 of this certificate have been identified and conformity of the product demonstrated in the reports listed in item 16.2.

19 **Remarks and additional information:**

The use of this certificate is subject to the regulations applicable to holders of CSA Group Netherlands B.V. certificates.

Compliance of the product with the applicable safety requirements of the relevant industrial standards has not been verified and is not covered by this certificate.

19.1 **Conditions of manufacture:**

19.1.1 The equipment shall be subjected to dielectric strength test using test voltage of 500 VAC applied between circuit and earth for 60 seconds. Alternatively, a voltage of 20% higher may be applied for 1 second. There shall be no evidence of flashover or breakdown and the maximum current flowing during the test shall not exceed 5 m A r.m.s. at any time. Refer to IEC 60079-11:2011 Ed. 6 clause 6.3.13.

19.1.2 Cables of the following part numbers are restricted only for use with sensors of a maximum ambient temperature of + 80 °C, The manufacturer shall ensure that the product is marked accordingly:

CB103 CB190 CB191 CB192 CB193





Certificate Annexe

Document History

Issue – 0

Documents Introduced or Revised

Drawing no.	Sheets	Rev.	Date (Sira stamp)	Title
INS10012	1 to 8	F	11 Jun 15	Intrinsic Safe Sensor Control Drawing
INS10013	1 to 3	C	08 Jun 15	Sensors, Pin Connectors, Intrinsically Safe Models
INS10014	1 to 6	B	08 Jun 15	Sensors, Integral Cables, Hazardous Area Models
INS10015	1 of 1	A	08 Jun 15	Labelling, Intrinsically Safe Sensor, Top Connector
INS10017	1 of 1	D	08 Jun 15	Labelling Matrix, Intrinsically Safe Sensors, AC Series
INS10019	1 of 1	0	08 Jun 15	Trace, AC Series Amplifier, Intrinsically Safe
INS10020	1 of 1	0	08 Jun 15	Layout, AC Series Amplifier, Intrinsically Safe
INS10025	5 of 6	F	11 Jun 15	Label Drawing, IS SENSOR
INS10030	1 of 1	A	08 Jun 15	Ceramic, Piezoelectric, Schedule Drawing
INS10031	1 of 1	A	11 Jun 15	Sensing Element Assembly
INS10035	1 to 3	D	11 Jun 15	Class 1 Div 2/Zone 2 Sensor Control Drawing
INS10038	1 of 1	C	08 Jun 15	AC Series Labelling Matrix for Division 2
INS10043	1 of 1	A	08 Jun 15	Labelling Matrix, Intrinsically Safe Sensors, TA Series
INS10044	1 of 1	A	08 Jun 15	Trace, AC Small Series Amplifier, Intrinsically Safe
INS10045	1 of 1	A	08 Jun 15	Trace, TA Series Temperature Circuit Board, Intrinsically Safe
INS10048	1 of 1	A	08 Jun 15	AC Small Series Schematic, Intrinsically Safe
INS10049	1 of 1	A	08 Jun 15	IS Temp board Schematic
INS10051	1 of 1	C	08 Jun 15	Amplifier Low cap Low Noise 100mV/g BOM
INS10053	1 of 1	C	08 Jun 15	BOM Amplifier 100mV/g Low Noise & Low Cap IS version
INS10053	1 of 1	C	08 Jun 15	SCH Amplifier 100mV/g Low Noise & Low Cap IS version
INS10056	1 of 1	A	08 Jun 15	New Low Cap IS Sensor board
INS10057	1 of 1	A	08 Jun 15	10 mV/G IS board Bill of Materials
INS10058	1 of 1	A	08 Jun 15	50 mV/G IS board Bill of Materials
INS10059	1 of 1	A	08 Jun 15	100 mV/G IS board Bill of Materials

Issue - 1

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
INS10012	16	K	23 Aug 19	Intrinsic Safe Sensor Control Drawing
INS10013	3	E	23 Aug 19	Sensors, Pin Connector, Hazardous Area
INS10014	6	C	23 Aug 19	Sensors, Accelerometers, With Integral Cable, Hazardous Area
INS10015	1	A	23 Aug 19	Labelling, Hazardous Locations
INS10019	1	0	23 Aug 19	Trace, AC Series Amplifier, Intrinsically Safe
INS10020	1	0	23 Aug 19	Layout, AC Series Amplifier, Intrinsically Safe
INS10021	1	A	23 Aug 19	Trace Locations, LP Series, Side 1 & Side 2
INS10022	1	A	23 Aug 19	Parts Location, LP Series, Side 1 & Side 2
INS10026	2	D	23 Aug 19	LP 4-20mA SCHEMATIC
INS10027	2	B	23 Aug 19	IS 100mV/g SCHEMATIC
INS10028	2	B	23 Aug 19	IS 50mV/g SCHEMATIC
INS10029	2	B	23 Aug 19	IS 10mV/g SCHEMATIC
INS10031	2	D	23 Aug 19	Sensing Element, Hazardous Area Models
INS10044	1	A	23 Aug 19	Trace, AC Small Series Amplifier, Intrinsically Safe
INS10045	1	A	23 Aug 19	Trace, TA Series Temperature Circuit Board, Intrinsically Safe

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Drawing	Sheets	Rev.	Date (Sira stamp)	Title
INS10048	2	C	23 Aug 19	AC Small Series Schematic, Intrinsically Safe
INS10049	1	A	23 Aug 19	IS Temp Board Schematic
INS10053	2	C	23 Aug 19	Intrinsically Safe Low Capacitance Accelerometer (100, 50, 10 mV/g) BOM and Schematic
INS10074	2	A	23 Aug 19	Schematic / BOM For IS Velocity Amp Board
INS10076	2	A	23 Aug 19	Schematic / BOM For IS Ultra Low Power Amp Board
INS10078	2	A	23 Aug 19	Amp Schematic / BOM For IS Low Frequency Board
INS10084	2	A	23 Aug 19	IS Negative Voltage Schematic / BOM
INS10106	8	A	23 Aug 19	AC Series Marking File
INS10107	2	A	23 Aug 19	LP Marking Drawing, Division 1 / Zone 0,1
INS10108	1	A	23 Aug 19	VE Marking File, Division 1 / Zones 0,1
INS10109	2	A	23 Aug 19	TA Marking File, Division 1 / Zones 0,1

Issue - 2 - No new drawings were introduced.

Issue - 3

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
INS10106	1 to 8	B	03 Feb 23	AC SERIES MARKING FILE
INS10107	1 to 2	B	03 Feb 23	LP MARKING DRAWING, DIVISION 1 / ZONE 0,1
INS10108	1 of 1	B	03 Feb 23	VE MARKING FILE, DIVISION 1 / ZONES 0,1
INS10109	1 to 2	B	03 Feb 23	TA MARKING FILE, DIVISION 1 / ZONES 0,1
INS10025	1 to 13	M	06 Feb 23	MARKING / LABELING, HAZARDOUS LOCATIONS SENSOR
MNX10014	1 to 7	D	20 Feb 23	PRODUCT MANUAL
INS10012	1 to 16	L	22 Feb 23	INTRINSIC SAFE SENSOR CONTROL DRAWING

Issue - 4

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
INS10012	1 to 16	N	25 Mar 25	INTRINSIC SAFE SENSOR CONTROL DRAWING
INS10170	1 to 15	A	25 Mar 25	MARKING / LABELING, HAZARDOUS LOCATIONS SENSOR
MNX10126	1 to 8	A	25 Mar 25	Intrinsically Safe Sensors Product Manual

The following drawings no longer form part of the certification drawing list:

Drawing	Sheets	Rev.	Date (Stamp)	Title
INS10106	1 to 8	B	03 Feb 23	AC SERIES MARKING FILE
INS10107	1 to 2	B	03 Feb 23	LP MARKING DRAWING, DIVISION 1 / ZONE 0,1
INS10108	1 of 1	B	03 Feb 23	VE MARKING FILE, DIVISION 1 / ZONES 0,1
INS10109	1 to 2	B	03 Feb 23	TA MARKING FILE, DIVISION 1 / ZONES 0,1
INS10025	1 to 13	M	06 Feb 23	MARKING / LABELING, HAZARDOUS LOCATIONS SENSOR
MNX10014	1 to 7	E	20 Feb 23	PRODUCT MANUAL

Issue - 5

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
INS10026	1 to 3	E	07 Nov 24	LP 4-20mA SCHEMATIC
INS10048	1 to 3	D	31 Mar 26	AC Small Series Schematic, Intrinsically Safe
INS10049	1 to 2	B	31 Mar 26	IS Temp board Schematic
INS10053	1 to 3	E	31 Mar 26	Intrinsically Safe Low Capacitance Accelerometer (100, 50, 10 mV/g) BOM and Schematic
INS10074	1 to 3	C	31 Mar 26	Schematic / BOM For IS Velocity Amp Board

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Drawing	Sheets	Rev.	Date (Stamp)	Title
INS10179	1 to 3	B	31 Mar 26	LPH Main Board and Blocking Diode Schematic
INS10180	1 to 3	A	31 Mar 26	LPH Main Board and Blocking Diode BoM
INS10181	1 to 4	A	31 Mar 26	LPH Main Board and Blocking Diode Assembly
INS10188	1 to 8	A	31 Mar 26	Sensors, Pin Connector, Hazardous Area
INS10192	1 to 11	A	31 Mar 26	Sensors, Accelerometers, With Integral Cable, Hazardous Area
INS10211	1 to 12	A	31 Mar 26	ATEX Zone 0,1 Intrinsic Safe Sensor Control Drawing
INS10213	1 of 1	A	31 Mar 26	ATEX Zone 0,1 Intrinsically Safe Marking/Labeling, Hazardous Locations Sensor
INS10198	1 of 1	A	31 Mar 26	Intrinsically Safe Cable Information
INS10219	1 to 2	A	31 Mar 26	Zone 0,1 Labelling Matrix
MNX10135	1 to 8	A	9 Apr 26	ATEX Product Manual

* Note: The drawing revision may contain minor revision in the format of "A.1, (Major revision.Minor revision)", only editorial or administrative changes are permitted for such minor revisions.

The following documents are removed from the certifications

Drawing	Sheets	Rev.	Date (Stamp)	Title
INS10012	1 to 16	N	25 Mar 25	INTRINSIC SAFE SENSOR CONTROL DRAWING
INS10013	1 to 3	E	23 Aug 19	Sensors, Pin Connector, Hazardous Area
INS10014	1 to 6	C	23 Aug 19	Sensors, Accelerometers, With Integral Cable, Hazardous Area
INS10015	1 of 1	A	23 Aug 19	Labelling, Hazardous Locations
INS10019	1 of 1	O	23 Aug 19	Trace, AC Series Amplifier, Intrinsically Safe
INS10020	1 of 1	O	23 Aug 19	Layout, AC Series Amplifier, Intrinsically Safe
INS10027	1 to 2	B	23 Aug 19	IS 100mV/g SCHEMATIC
INS10028	1 to 2	B	23 Aug 19	IS 50mV/g SCHEMATIC
INS10029	1 to 2	B	23 Aug 19	IS 10mV/g SCHEMATIC
INS10035	1 to 3	D	11 Jun 15	Class 1 Div 2 / Zone 2 Sensor Control Drawing
INS10038	1 of 1	C	08 Jun 15	AC Series Labelling Matrix for Division 2
INS10017	1 of 1	D	08 Jun 15	Labelling Matrix, Intrinsically Safe Sensors, AC Series
INS10043	1 of 1	A	08 Jun 15	Labelling Matrix, Intrinsically Safe Sensors, TA Series
INS10057	1 of 1	A	08 Jun 15	10 mV/G IS board Bill of Materials
INS10058	1 of 1	A	08 Jun 15	50 mV/G IS board Bill of Materials
INS10059	1 of 1	A	08 Jun 15	100 mV/G IS board Bill of Materials
INS10076	1 to 2	A	23 Aug 19	Schematic / BOM For IS Ultra Low Power Amp Board
INS10078	1 to 2	A	23 Aug 19	Amp Schematic / BOM For IS Low Frequency Board
INS10084	1 to 2	A	23 Aug 19	IS Negative Voltage Schematic / BOM
INS10170	1 to 15	A	25 Mar 25	MARKING / LABELING, HAZARDOUS LOCATIONS SENSOR
INS10056	1 of 1	A	08 Jun 15	New Low Cap IS Sensor board
MNX10126	1 to 8	A	25 Mar 25	Intrinsically Safe Sensors Product Manual