

960-0134-001

C

REVISIONS

LTR	DESCRIPTION	DATE	APVD
A	Original Release per C.O.7416	10/13/16	CSK
B	Revised per C.O.7461	11/7/16	CSK
C	Revised per C.O.7643	8/1/18	CSK

VERIFY REVISION
BEFORE USING

RECORD OF REVISION STATUS OF EACH SHEET

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
A	A	/																										
B	B	/																										
C	C	C	/																									

REGULATORY DOCUMENT

AI-TEK Instruments, LLC
CHESHIRE, CT USA 06410

APPROVALS		DATE
PREPARED	CS Kalley	10/13/16
CHECKED	CS Kalley	10/13/16
DSGN ENGR	CS Kalley	10/13/16
QUAL ENGR	D. Schiavo	10/25/16
MFG ENGR	J. Zitnay	10/20/16

TITLE:
DECLARATION OF CONFORMITY

SIZE A	CODE IDENT. NUMBER 1XP56	DWG. NO. 960-0134-001
		SHEET 1 OF 2

SUPPLIER'S DECLARATION OF CONFORMITY

(in accordance with ISO/IEC 17050-1)

NUMBER – 960-0134-001

ISSUER'S NAME & ADDRESS: AI-TEK Instruments, LLC
 152 Knotter Drive, Cheshire, CT 06410 USA
 Telephone: (203)271-6000 FAX: (203)271-6200

OBJECT OF THE DECLARATION: Self generating variable reluctance speed sensors, models: 70085-1010-005, -327, -328, -330, -411, -412, -413, -414

The object of the declaration described above is in conformity with the requirements of the following documents:

- EN 60079-0: Electrical apparatus for explosive gas atmospheres-
General requirements
- EN 60079-1: Equipment Protection by Flameproof Enclosures
Type of Protection: 'd'
- ATEX Directive 2014/34/EU
- EMC Directive 2014/30/EU
- REACH Regulation 1907/2006 current version of SVHC List
- RoHS Directive 2011/65/EU current list of restricted substances

ADDITIONAL INFORMATION:

1. The flying leads shall be terminated in a suitable Ex approved terminal enclosure when terminated in a Zoned area.
2. These devices shall only be installed in applications where the operating temperature is between -65°C and +95°C
3. These sensors are considered to be inherently benign in the context of the EMC Directive 2014/30/EU, Article 2, paragraph 2 d (i).
4. These units must be installed with an Ex d certified sealing device such as a conduit seal with setting compound, rated for 120°C minimum, shall be installed at the lead exit of the speed sensor.
5. These items do not contain any of the chemicals in concentrations greater than 0.1% w/w listed in the REACH list of SVHC's that is in effect as of this date.
6. These items are do not contain any of the materials, in concentrations greater than 0.1% w/w, that are on the RoHS list in effect as of this date.

SIZE A	CODE IDENT. NUMBER 1XP56	DWG NO.: 960-0134-001	REV C
			SHEET 2

CONTINUATION SHEET

⊕ II 2G

Ex db IIC T4 Gb

-65°C ≤ Tamb ≤ 95°C

ITS 16 ATEX101472X

Ex db IIC T4 Gb

-65°C ≤ Tamb ≤ 95°C

IECEX ETL16.0039 X

Signed for and on behalf of:

AI-Tek Instruments, LLC

Cheshire, CT USA 1 August 2018



Craig Kalley, Sr. Product Engineer

SIZE A	CODE IDENT. NUMBER 1XP56	DWG NO.: 960-0134-001	REV C
			SHEET 3