

960-0117-001	K	<b>REVISIONS</b>			
		LTR	DESCRIPTION	DATE	APVD
		A	Original Release per C.O.6061	6/4/08	JH
		B	Revised Product Description per C.O.6218	4/3/09	CSK
		C	Revised per C.O.6293	9/15/09	CSK
		D	Re-written per ISO/IEC 17050-1 requirements C.O.6477	8/11/10	CSK
		E	Number 960-0117-001 was 940-0117-001 C.O.6485	8/23/10	CSK
		F	Revised per C.O.6833	9/21/12	CSK
		G	Revised per C.O.6918	4/24/13	CSK
		H	Revised per C.O.7363	2/24/16	CSK
		J	Revised per EMC directive C.O.7390	5/24/16	CSK
		K	Revised per C.O.7643	8/1/18	CSK

**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	A	/																									
B	B	A	/																									
C	B	C	/																									
D	D	/																										
E	E	/																										
F	F	/																										
G	G	/																										
H	H	/																										
J	J	/																										
K	K	K	/																									

<b>REGULATORY DOCUMENT</b>			<b>AI-TEK Instruments, LLC CHESHIRE, CT USA 06410</b>		
APPROVALS		DATE	<b>TITLE: DECLARATION OF CONFORMITY</b>		
PREPARED	CS Kalley	8/5/10			
CHECKED	CSKalley	8/9/10			
DSGN ENGR	CSKalley	8/9/10			
QUAL ENGR	CEGerard	8/10/10			
MFG ENGR	ERuman	8/9/10	<b>SIZE A</b>	<b>CODE IDENT. NUMBER 1XP56</b>	<b>DWG. NO. 960-0117-001</b>
			<b>SHEET 1 OF 2</b>		

**SUPPLIER'S DECLARATION OF CONFORMITY**

(in accordance with ISO/IEC 17050-1)

**NUMBER** – 960- 0117- 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: 70085-1010-245, -249, 392, -403, -405, -415, -416, & -429

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

EN 60079-0:2012: Electrical apparatus for explosive gas atmospheres-  
 General requirements  
 EN60079-15:2010: Electrical apparatus for potentially explosive atmospheres -  
 Type of Protection: 'n'  
 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 ATEX approved terminal enclosure when terminated in a classified (Zoned) area.
2. These devices shall only be installed in applications where the operating temperature is between -55°C and +220°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 devices comply with the requirements of the above standards and the ATEX directive 2014/34/EU for use in a Category 3G area when installed in a non-incendive field circuit per AI-TEK Installation Instruction 960-0112-001 (960-0113-001 for 70085-1010-429).
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 <b>A</b>	CODE IDENT. NUMBER <b>1XP56</b>	DWG NO.: <b>960-0117-001</b>	REV <b>K</b>
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CONTINUATION SHEET

The component will be marked in compliance with the requirements:

Ex II 3 G  
Ex nA II X T2 Gc  
-55°C ≤ Tamb ≤ 220°C



**Signed for and on behalf of:**

AI-Tek Instruments, LLC  
Cheshire, CT USA 1 August 2018

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Craig Kalley, Sr. Product Engineer

SIZE <b>A</b>	CODE IDENT. NUMBER <b>1XP56</b>	DWG NO.: <b>960-0117-001</b>	REV <b>K</b>
			SHEET 3