

960-0124-001

H

REVISIONS

LTR	DESCRIPTION	DATE	APVD
A	Original Release per C.O.6218	4/3/09	CSK
B	Revise per C.O.6225	4/13/09	CSK
C	Revised per C.O.6234	5/4/09	CSK
D	Revised per C.O. 6252	6/2/09	CSK
E	Re-written per ISO/IEC 17050-1 requirements C.O.6477	8/11/10	CSK
F	Number 960-0124-001 was 940-0124-001 C.O.6485	8/23/10	CSK
G	Revised Certificate Number per C.O.6567	3/29/11	CSK
H	Revised per C.O.7314	4/27/16	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	C	/																									
E	E	/																										
F	F	/																										
G	G	/																										
H	H	/																										

REGULATORY DOCUMENT

**AI-TEK Instruments,
LLC
CHESHIRE, CT USA 06410**

APPROVALS

DATE

PREPARED	CS Kalley	7/21/10
CHECKED	CSKalley	8/9/10
DSGN ENGR	CSKalley	8/9/10
QUAL ENGR	CEGerard	8/10/10
MFG ENGR	ERuman	8/9/10

TITLE:

DECLARATION OF CONFORMITY

SIZE
A

CODE IDENT.
NUMBER

DWG. NO.

960-0124-001

1XP56

SHEET 1 OF 2

SUPPLIER'S DECLARATION OF CONFORMITY

(in accordance with ISO/IEC 17050-1)

NUMBER – 960-0124-001

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: 70085-1010-404, -406, -417 & -420 and 70085-101040430, 70085-101040630,
 70085-101041730 & 70085-101042030

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

IEC 60079-0 (2012/08/01) Part 0 – General Requirements

IEC 60079-15(2010/05/01) Part 15 Type of Protection: 'n'

ADDITIONAL INFORMATION:

1. A suitable conduit and fitting or cable gland, Ex certified to IP54 or better, must be used for the exit of the cable from the sensor.
2. The flying leads shall be terminated in a suitable Ex approved terminal enclosure when terminated in a classified (Zoned) area.
3. These devices shall only be installed in applications where the operating temperature is between -20°C and +220°C.
4. These sensors are considered to be inherently benign in the context of the EMC Directive 2014/30/EU Article 2, paragraph 2 d (i).

⊕ II 3G

Ex nA IIC T2 Gc
 -20°C ≤ Tamb ≤ 220°C
 ITS09ATEX46246X

Ex nA IIC T2 Gc
 -20°C ≤ Tamb ≤ 220°C
 IECEx ETL15.0032X

Signed for and on behalf of:

AI-Tek Instruments, LLC
 Cheshire, CT USA 28 April 2016



SIZE A	CODE IDENT. NUMBER 1XP56	DWG NO.: 960-0124-001	REV H
			SHEET 2

CONTINUATION SHEET