Swenson Nicholas John Form 4 September 29, 2011

Form 4 or

obligations

may continue.

See Instruction

Form 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Check this box if no longer subject to **SECURITIES** Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

Swenson Nicholas John Issuer Symbol ELECTRO SENSORS INC [ELSE] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director _X__ 10% Owner _ Other (specify Officer (give title 3033 EXCELSIOR 09/27/2011 below) **BOULEVARD, SUITE 560**

2. Issuer Name and Ticker or Trading

(Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person

MINNEAPOLIS, MN 55416

1. Name and Address of Reporting Person *

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securit	ies Ac	quired (A)	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactionr Disposed of (D)				Securities	Ownership	Indirect
(Instr. 3)		any	Code (Instr. 3, 4 and 5)			Beneficially	Form:	Beneficial	
		(Month/Day/Year)	(Instr. 8)				Owned	Direct (D)	Ownership
							Following	or Indirect	(Instr. 4)
					(4)		Reported	(I)	
					(A)		Transaction(s)	(Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	09/27/2011		P	14,487	A	\$ 3.5212	410,728	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

Form filed by More than One Reporting

Estimated average

burden hours per

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A 4		
									Amount		
						Date	Expiration	TP:41	or		
						Exercisable	Date	Title	Number		
				C 1 W	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Swenson Nicholas John 3033 EXCELSIOR BOULEVARD SUITE 560 MINNEAPOLIS, MN 55416		X					

Signatures

Reporting Person

/s/ Nicholas 09/29/2011 Swenson **Signature of Date

Explanation of Responses:

- If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

2 Reporting Owners