

ELECTRO SENSORS INC  
Form 8-K  
February 24, 2011

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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**WASHINGTON, D.C. 20549**

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**FORM 8-K**

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**CURRENT REPORT**  
**PURSUANT TO SECTION 13 OR 15(d) OF THE**  
**SECURITIES EXCHANGE ACT OF 1934**

Date of report (Date of earliest event reported): January 26, 2011

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**ELECTRO-SENSORS, INC.**

**(Exact name of Registrant as Specified in its Charter)**

**Minnesota**  
(State or other jurisdiction  
of incorporation)

**000-09587**  
(Commission  
File Number)

**41-0943459**  
(I.R.S. Employer  
Identification No.)

**6111 Blue Circle Drive**  
**Minnetonka, Minnesota 55343-9108**  
(Address of Principal Executive Offices)

**(952) 930-0100**

(Registrant's telephone number, including area code)

**Not Applicable**

(Former name or former address, if changed since last report)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

**Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.**

On January 26, 2011, the Board of Directors (the Board ) of Electro-Sensors, Inc. (the Company ) appointed Jeffrey D. Peterson, to serve as a director of the Company. The Board has not yet made any determinations concerning which committees of the Board Mr. Peterson will serve, if any.

Mr. Peterson s appointment to the Board fills the vacancy resulting from the death of his father, Peter R. Peterson, on January 11, 2011.

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this report to be signed on its behalf by the undersigned, hereunto duly authorized.

**ELECTRO-SENSORS, INC.**

Date: February 24, 2011

By: /s/ Bradley D. Slye  
Bradley D. Slye  
President, Chief Executive Officer and Chief Financial Officer