

ELECTRO SENSORS INC  
Form 10-Q  
August 14, 2018

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

Form 10-Q

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

For the quarterly period ended June 30, 2018

Or

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

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File Number 000-09587

ELECTRO-SENSORS, INC.

(Exact name of registrant as specified in its charter)

Minnesota  
(State or other jurisdiction of incorporation or organization)

41-0943459  
(IRS 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)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

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Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Non-accelerated filer

(Do not check if a smaller reporting company)

Accelerated filer

Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes No

The number of shares outstanding of the registrant's common stock, \$0.10 par value, on August 13, 2018 was 3,395,521.

ELECTRO-SENSORS, INC.

Form 10-Q

For the Periods Ended June 30, 2018

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**PART I. FINANCIAL INFORMATION****Item 1. Financial Statements****ELECTRO-SENSORS, INC.****BALANCE SHEETS**

(in thousands except share and per share amounts)

|                                                                                                                | June 30,<br>2018<br>(unaudited) | December<br>31,<br>2017 |
|----------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------|
| <b>ASSETS</b>                                                                                                  |                                 |                         |
| Current assets                                                                                                 |                                 |                         |
| Cash and cash equivalents                                                                                      | \$ 758                          | \$ 963                  |
| Investments                                                                                                    | 7,757                           | 7,756                   |
| Trade receivables, less allowance for doubtful accounts of \$11                                                | 823                             | 902                     |
| Inventories                                                                                                    | 1,640                           | 1,552                   |
| Other current assets                                                                                           | 125                             | 141                     |
| Income tax receivable                                                                                          | 64                              | 45                      |
| Total current assets                                                                                           | 11,167                          | 11,359                  |
| Deferred income tax asset, net                                                                                 | 181                             | 182                     |
| Intangible assets, net                                                                                         | 683                             | 800                     |
| Property and equipment, net                                                                                    | 1,061                           | 1,074                   |
| Total assets                                                                                                   | \$ 13,092                       | \$ 13,415               |
| <b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>                                                                    |                                 |                         |
| Current liabilities                                                                                            |                                 |                         |
| Contingent earn-out                                                                                            | \$ 0                            | \$ 150                  |
| Accounts payable                                                                                               | 153                             | 178                     |
| Accrued expenses                                                                                               | 464                             | 380                     |
| Total current liabilities                                                                                      | 617                             | 708                     |
| Commitments and contingencies                                                                                  |                                 |                         |
| Stockholders' equity                                                                                           |                                 |                         |
| Common stock par value \$0.10 per share; authorized 10,000,000 shares; 3,395,521 shares issued and outstanding | 339                             | 339                     |
| Additional paid-in capital                                                                                     | 2,010                           | 2,004                   |
| Retained earnings                                                                                              | 10,100                          | 10,352                  |

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|                                                                                                            |           |           |
|------------------------------------------------------------------------------------------------------------|-----------|-----------|
| Accumulated other comprehensive gain (unrealized gain on available-for-sale securities, net of income tax) | 26        | 12        |
| Total stockholders' equity                                                                                 | 12,475    | 12,707    |
| Total liabilities and stockholders' equity                                                                 | \$ 13,092 | \$ 13,415 |
| See accompanying notes to unaudited financial statements                                                   |           |           |

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**ELECTRO-SENSORS, INC.****STATEMENTS OF COMPREHENSIVE INCOME (LOSS)**

(in thousands except share and per share amounts)

(unaudited)

|                                                                                | Three Months Ended<br>June 30, |          | Six Months Ended<br>June 30, |          |
|--------------------------------------------------------------------------------|--------------------------------|----------|------------------------------|----------|
|                                                                                | 2018                           | 2017     | 2018                         | 2017     |
| Net sales                                                                      | \$ 1,780                       | \$ 2,328 | \$ 3,496                     | \$ 3,998 |
| Cost of goods sold                                                             | 808                            | 1,004    | 1,608                        | 1,775    |
| Gross profit                                                                   | 972                            | 1,324    | 1,888                        | 2,223    |
| Operating expenses                                                             |                                |          |                              |          |
| Selling and marketing                                                          | 401                            | 408      | 836                          | 785      |
| General and administrative                                                     | 424                            | 379      | 956                          | 823      |
| Research and development                                                       | 222                            | 201      | 452                          | 422      |
| Total operating expenses                                                       | 1,047                          | 988      | 2,244                        | 2,030    |
| Operating income (loss)                                                        | (75 )                          | 336      | (356 )                       | 193      |
| Non-operating income                                                           |                                |          |                              |          |
| Interest income                                                                | 24                             | 5        | 47                           | 13       |
| Other income                                                                   | 3                              | 2        | 5                            | 5        |
| Total non-operating income                                                     | 27                             | 7        | 52                           | 18       |
| Income (loss) before income tax expense (benefit)                              | (48 )                          | 343      | (304 )                       | 211      |
| Provision for (benefit from) income taxes                                      | (5 )                           | 120      | (59 )                        | 72       |
| Net income (loss)                                                              | \$(43 )                        | \$ 223   | \$(245 )                     | \$ 139   |
| Other comprehensive income                                                     |                                |          |                              |          |
| Change in unrealized value of available-for-sale securities, net of income tax | \$ 7                           | \$ 4     | \$ 6                         | \$ 4     |
| Other comprehensive income                                                     | 7                              | 4        | 6                            | 4        |
| Net comprehensive income (loss)                                                | \$(36 )                        | \$ 227   | \$(239 )                     | \$ 143   |
| Net income (loss) per share data:                                              |                                |          |                              |          |
| Basic                                                                          |                                |          |                              |          |
| Net income (loss) per share                                                    | \$(0.01 )                      | \$ 0.06  | \$(0.07 )                    | \$ 0.04  |

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|                                                          |           |           |           |           |
|----------------------------------------------------------|-----------|-----------|-----------|-----------|
| Weighted average shares                                  | 3,395,521 | 3,395,521 | 3,395,521 | 3,395,521 |
| Diluted                                                  |           |           |           |           |
| Net income (loss) per share                              | \$(0.01 ) | \$0.06    | \$(0.07 ) | \$0.04    |
| Weighted average shares                                  | 3,395,521 | 3,402,527 | 3,395,521 | 3,402,731 |
| See accompanying notes to unaudited financial statements |           |           |           |           |

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## ELECTRO-SENSORS, INC.

STATEMENTS OF CASH FLOWS

(in thousands)

(unaudited)

|                                                                                             | Six Months Ended<br>June 30, |          |
|---------------------------------------------------------------------------------------------|------------------------------|----------|
|                                                                                             | 2018                         | 2017     |
| Cash flows from (used in) operating activities                                              |                              |          |
| Net income (loss)                                                                           | \$ (245 )                    | \$ 139   |
| Adjustments to reconcile net income (loss) to net cash from (used in) operating activities: |                              |          |
| Depreciation and amortization                                                               | 158                          | 156      |
| Deferred income taxes                                                                       | (3 )                         | (66 )    |
| Stock-based compensation expense                                                            | 6                            | 35       |
| Change in contingent earn-out fair value                                                    | 0                            | (53 )    |
| Other                                                                                       | (43 )                        | (7 )     |
| Change in:                                                                                  |                              |          |
| Trade receivables                                                                           | 79                           | (562 )   |
| Inventories                                                                                 | (88 )                        | 37       |
| Other current assets                                                                        | 16                           | 54       |
| Accounts payable                                                                            | (25 )                        | (25 )    |
| Accrued expenses                                                                            | 84                           | 148      |
| Income tax receivable                                                                       | (19 )                        | 183      |
| Net cash from (used in) operating activities                                                | (80 )                        | 39       |
| Cash flows from investing activities                                                        |                              |          |
| Purchases of treasury bills                                                                 | (6,697 )                     | (3,972 ) |
| Proceeds from the maturity of treasury bills                                                | 6,750                        | 4,000    |
| Purchase of property and equipment                                                          | (28 )                        | (12 )    |
| Net cash from investing activities                                                          | 25                           | 16       |
| Cash flows used in financing activities                                                     |                              |          |
| Payment of contingent earn-out                                                              | (150 )                       | 0        |
| Net cash used in financing activities                                                       | (150 )                       | 0        |
| Net increase (decrease) in cash and cash equivalents                                        | (205 )                       | 55       |
| Cash and cash equivalents, beginning                                                        | 963                          | 840      |

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|                                    |        |        |
|------------------------------------|--------|--------|
| Cash and cash equivalents, ending  | \$ 758 | \$ 895 |
| Supplemental cash flow information |        |        |
| Cash paid for income taxes         | \$ 0   | \$ 0   |

See accompanying notes to unaudited financial statements

ELECTRO-SENSORS, INC.

**NOTES TO FINANCIAL STATEMENTS**  
**FOR THE PERIOD ENDED JUNE 30, 2018**

(in thousands except share and per share amounts)

(unaudited)

**Note 1. Basis of Presentation**

The accompanying unaudited financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America for interim financial information and with the instructions and regulations of the Securities and Exchange Commission to Form 10-Q. Accordingly, they do not include all of the information and footnotes required by accounting principles generally accepted in the United States of America for complete financial statements.

This report should be read together with the Company's Annual Report on Form 10-K for the year ended December 31, 2017, including the audited financial statements and footnotes therein.

Management believes that the unaudited financial statements include all adjustments, consisting of normal recurring accruals, necessary to fairly state the financial position and results of operations as of June 30, 2018 and for the three and six-month periods then ended in accordance with accounting principles generally accepted in the United States of America. The results of interim periods may not be indicative of results to be expected for the year.

**Nature of Business**

Electro-Sensors, Inc. manufactures and markets a complete line of monitoring and control systems for a variety of industrial machinery. The Company uses leading-edge technology to continuously improve its products and make them easier to use, with the goal of manufacturing the industry-preferred product for every market served. The Company sells these products through an internal sales staff, manufacturers' representatives, and distributors to a wide variety of industries that use the products in a variety of applications to monitor process machinery operations. The Company markets its products to customers located throughout the United States, Canada, Latin America, Europe, and Asia.

**Revenue Recognition**

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On January 1, 2018, the Company adopted Accounting Standards Codification (ASC) *Revenue from Contracts with Customers* and all related amendments (the Standard), for all contracts using the modified retrospective method. The Standard implements a five-step process for revenue recognition that focuses on transfer of control and defines a contract as “an agreement between two or more parties that creates legally enforceable rights and obligations.” The adoption of the Standard did not materially impact the timing and measurement of revenue recognition. As a result, we did not recognize a cumulative effect adjustment to the opening balance of retained earnings.

At contract inception, the Company assesses the goods and services promised to a customer and identifies a performance obligation for each promised good or service that is distinct. In addition, the transaction price for each performance obligation is determined at contract inception. Our contracts, generally in the form of a purchase order, specify the product or service that is promised to the customer. The typical contract life is less than one month and contains a single performance obligation, to provide conforming goods or services to the customer. Product revenue is recognized at the point in time when control of the product is transferred to the customer, which typically occurs when products are shipped. Service revenue is recognized at the point in time when the service has been provided.

#### Fair Value Measurements

The carrying value of trade receivables, accounts payable, and other financial working capital items approximates fair value at June 30, 2018 and December 31, 2017, due to the short maturity nature of these instruments.

ELECTRO-SENSORS, INC.

## NOTES TO FINANCIAL STATEMENTS

FOR THE PERIOD ENDED JUNE 30, 2018

(in thousands except share and per share amounts)

(unaudited)

### Stock-Based Compensation

The Company records compensation expense for stock options based on the estimated fair value of the options on the date of grant using the Black-Scholes-Merton ("BSM") option pricing model. The Company uses historical data, among other factors, to estimate the expected price volatility, the expected option life, and the expected forfeiture rate. The risk-free interest rate is based on the U.S. Treasury yield curve in effect at the time of grant for the estimated life of the option.

As of June 30, 2018, there was approximately \$11 of unrecognized compensation expense related to unvested stock options. The Company expects to recognize this expense over the next two years.

### Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates. Significant estimates, including the underlying assumptions, consist of economic lives of long-lived assets, realizability of trade receivables, valuation of deferred tax assets/liabilities, inventory, investments, contingent earn-out, and stock compensation expense. It is at least reasonably possible that these estimates may change in the near term.

### Recently Adopted Accounting Pronouncement

In January 2016, the FASB issued Accounting Standards Update No. 2016-01 (ASU 2016-01) "Financial Instruments-Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial Liabilities,"

which amends various aspects of the recognition, measurement, presentation, and disclosure of financial instruments. The Company adopted ASU 2016-01 as of January 1, 2018 using the modified retrospective method for marketable equity securities. This resulted in a \$7 reclassification of net unrealized losses from accumulated other comprehensive gain (AOCI) to retained earnings. The adoption of ASU 2016-01 increases the volatility of non-operating income, as a result of the remeasurement of the equity securities. For further information on unrealized gains from equity securities, see Note 2.

### **Net Loss per Common Share**

Basic and diluted net loss per common share is determined by dividing net loss attributable to common stockholders by the weighted-average common shares outstanding during the period. For all periods presented, the common shares underlying stock options have been excluded from the calculation because their effect would be anti-dilutive. Therefore, the weighted-average shares outstanding used to calculate both basic and diluted loss per common shares are the same.

For the three and six months ended June 30, 2018, 7,318 and 7,474 option share equivalents, respectively, have been excluded from the computations of diluted weighted-average shares outstanding.

### **Reclassification**

Certain items related to freight costs in the 2017 financial statements have been reclassified to conform to the 2018 presentation. These reclassifications had no effect on stockholders' equity, net income, or cash flows.

ELECTRO-SENSORS, INC.

# NOTES TO FINANCIAL STATEMENTS

FOR THE PERIOD ENDED JUNE 30, 2018

(in thousands except share and per share amounts)

(unaudited)

## Note 2. Investments

The Company has investments in commercial paper, Treasury Bills, and common equity securities of a private U.S. company. The commercial paper investment is in U.S. debt with ratings of F1+. The Treasury Bills have terms ranging from one month to six months at June 30, 2018.

The Company classifies its investments in commercial paper and Treasury Bills as available-for-sale accounted for at fair value with unrealized gains and losses recognized in accumulated other comprehensive gain on the balance sheet.

Prior to January 1, 2018, the Company accounted for equity securities at fair value with unrealized gains and losses recognized in accumulated other comprehensive gain on the balance sheet. Realized gains and losses on equity securities sold or impaired were recognized in non-operating income on the statement of comprehensive loss.

On January 1, 2018, the Company adopted ASU 2016-01 which changed the way the Company accounted for equity securities. Equity securities are measured at fair value and starting January 1, 2018 unrealized gains and losses are recognized in non-operating income. Upon adoption, the Company reclassified \$7 net unrealized losses related to equity securities from accumulated other comprehensive gain to retained earnings.

The cost and estimated fair value of the Company's investments are as follows:

|                  | Cost   | Gross<br>unrealized<br>gain | Gross<br>unrealized<br>loss | Fair<br>value |
|------------------|--------|-----------------------------|-----------------------------|---------------|
| June 30, 2018    |        |                             |                             |               |
| Commercial Paper | \$ 272 | \$ 0                        | \$ 0                        | \$ 272        |
| Treasury Bills   | 7,679  | 33                          | 0                           | 7,712         |

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|                                      |          |       |         |          |
|--------------------------------------|----------|-------|---------|----------|
| Equity Securities                    | 54       | 0     | (9 )    | 45       |
|                                      | 8,005    | 33    | (9 )    | 8,029    |
| Less Cash Equivalents                | 272      | 0     | 0       | 272      |
| Total Investments, June 30, 2018     | \$ 7,733 | \$ 33 | \$ (9 ) | \$ 7,757 |
| December 31, 2017                    |          |       |         |          |
| Commercial Paper                     | \$ 568   | \$ 0  | \$ 0    | \$ 568   |
| Treasury Bills                       | 7,687    | 24    | 0       | 7,711    |
| Equity Securities                    | 54       | 0     | (9 )    | 45       |
|                                      | 8,309    | 24    | (9 )    | 8,324    |
| Less Cash Equivalents                | 568      | 0     | 0       | 568      |
| Total Investments, December 31, 2017 | \$ 7,741 | \$ 24 | \$ (9 ) | \$ 7,756 |

**ELECTRO-SENSORS, INC.****NOTES TO FINANCIAL STATEMENTS****FOR THE PERIOD ENDED JUNE 30, 2018**

(in thousands except share and per share amounts)

(unaudited)

**Note 3. Fair Value Measurements**

The following table provides information on those assets and liabilities measured at fair value on a recurring basis.

June 30, 2018

|                   | Carrying amount<br>in balance sheet | Fair Value | Fair Value Measurement Using |         |         |
|-------------------|-------------------------------------|------------|------------------------------|---------|---------|
|                   |                                     |            | Level 1                      | Level 2 | Level 3 |
| Assets:           |                                     |            |                              |         |         |
| Cash equivalents  |                                     |            |                              |         |         |
| Commercial paper  | \$ 272                              | \$ 272     | \$ 272                       | \$ 0    | \$ 0    |
| Treasury bills    | 7,712                               | 7,712      | 7,712                        | 0       | 0       |
| Equity Securities | 45                                  | 45         | 0                            | 0       | 45      |

December 31, 2017

|                     | Carrying amount<br>in balance sheet | Fair Value | Fair Value Measurement Using |         |         |
|---------------------|-------------------------------------|------------|------------------------------|---------|---------|
|                     |                                     |            | Level 1                      | Level 2 | Level 3 |
| Assets:             |                                     |            |                              |         |         |
| Cash equivalents    |                                     |            |                              |         |         |
| Commercial paper    | \$ 568                              | \$ 568     | \$ 568                       | \$ 0    | \$ 0    |
| Treasury bills      | 7,711                               | 7,711      | 7,711                        | 0       | 0       |
| Equity Securities   | 45                                  | 45         | 0                            | 0       | 45      |
| Liabilities:        |                                     |            |                              |         |         |
| Contingent earn-out | 150                                 | 150        | 0                            | 0       | 150     |

The fair value of the commercial paper and treasury bills is based on quoted market prices in an active market. There is not a significant market for the available-for-sale equity security owned by the Company. The Company has determined the fair value for this equity security based on financial and other factors that are considered level 3 inputs in the fair value hierarchy.

The contingent earn-out relates to the 2014 acquisition of the HazardPRO™ product line. Management estimated the probability of meeting the revenue targets over the measurement period to determine the fair value of the contingent earn-out, which is considered a level 3 input in the fair value hierarchy. The contingent earn-out was paid in full during the first quarter of 2018.

The change in level 3 liabilities at fair value on a recurring basis for the three and six months ended June 30, 2018 and 2017 are as follows:

|                      | Three Months Ended June 30 |        | Six Months Ended June 30 |        |
|----------------------|----------------------------|--------|--------------------------|--------|
|                      | 2018                       | 2017   | 2018                     | 2017   |
| Beginning Balance    | \$ 0                       | \$ 195 | \$ <b>150</b>            | \$ 195 |
| Change in Fair Value | 0                          | (53 )  | <b>0</b>                 | (53 )  |
| Payments             | 0                          | 0      | (150 )                   | 0      |
| Ending Balance       | \$ 0                       | \$ 142 | \$ <b>0</b>              | \$ 142 |

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

FORWARD-LOOKING STATEMENTS

This Form 10-Q contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, including statements regarding our expectations, beliefs, intentions or strategies regarding the future. Forward-looking statements include, but are not limited to, statements relating to our marketing efforts or our efforts to accelerate growth; our business development activities; our efforts to maintain or reduce production costs; our expected use of cash on hand; our cash requirements; and the sufficiency of our cash flows. Any statement that is not based solely upon historical facts, including our strategies for the future and the outcome of events that have not yet occurred, is a forward-looking statement.

All forward-looking statements in this document are based on information available to us as of the date of this Form 10-Q, and we assume no obligation to update any of these forward-looking statements, other than as required by law. Our actual results could differ materially from those projected or indicated in these forward-looking statements. These forward-looking statements are subject to certain risks and uncertainties that could cause future results to differ materially from our recent results or those projected in the forward-looking statements, including the accuracy of management's assumptions with respect to industry trends, fluctuations in industry conditions, the accuracy of management's assumptions regarding expenses and our cash needs and those listed under the heading "Cautionary Statements" under "Item 1—Business," in our Annual Report on Form 10-K for the year ended December 31, 2017.

CRITICAL ACCOUNTING ESTIMATES

The preparation of our financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make decisions based upon estimates, assumptions, and factors it considers relevant to the circumstances. These decisions include the selection of applicable accounting principles and the use of judgment in their application, and affect reported amounts and disclosures. Changes in economic conditions or other business circumstances may affect the outcomes of management's estimates and assumptions. An in-depth description of our accounting estimates can be found in the interim financial statements included in this report and in our Annual Report on Form 10-K for the fiscal year ended December 31, 2017. We have not developed new estimates subsequent to those discussed in our Annual Report.

## SELECTED FINANCIAL INFORMATION

The following table contains selected financial information, for the periods indicated, from our statements of comprehensive loss expressed as a percentage of net sales.

|                                                   | Three Months Ended June 30, |         | Six Months Ended June 30, |         |
|---------------------------------------------------|-----------------------------|---------|---------------------------|---------|
|                                                   | 2018                        | 2017    | 2018                      | 2017    |
| Net sales                                         | 100.0 %                     | 100.0 % | 100.0 %                   | 100.0 % |
| Cost of goods sold                                | 45.4                        | 43.1    | 46.0                      | 44.4    |
| Gross profit                                      | 54.6                        | 56.9    | 54.0                      | 55.6    |
| Operating expenses                                |                             |         |                           |         |
| Selling and marketing                             | 22.5                        | 17.5    | 23.9                      | 19.6    |
| General and administrative                        | 23.8                        | 16.3    | 27.3                      | 20.5    |
| Research and development                          | 12.5                        | 8.7     | 12.9                      | 10.6    |
| Total operating expenses                          | 58.8                        | 42.5    | 64.1                      | 50.7    |
| Operating income (loss)                           | (4.2 )                      | 14.4    | (10.1 )                   | 4.9     |
| Non-operating income                              |                             |         |                           |         |
| Interest income                                   | 1.3                         | 0.2     | 1.3                       | 0.3     |
| Other income                                      | 0.2                         | 0.1     | 0.1                       | 0.1     |
| Total non-operating income                        | 1.5                         | 0.3     | 1.4                       | 0.4     |
| Income (loss) before income tax expense (benefit) | (2.7 )                      | 14.7    | (8.7 )                    | 5.3     |
| Provision for (benefit from) income taxes         | (0.3 )                      | 5.2     | (1.7 )                    | 1.8     |
| Net income (loss)                                 | (2.4 )%                     | 9.5 %   | (7.0 )%                   | 3.5 %   |

The following paragraphs discuss the Company's performance for the three and six months ended June 30, 2018 and 2017.

## RESULTS OF OPERATIONS (in thousands)

## Net Sales

Net sales for the second quarter of 2018 were \$1,780, a decrease of \$548, or 23.5% over the same period in 2017. Net sales for the six months ended June 30, 2018 were \$3,496, a decrease of \$502, or 12.6% over the same period

in 2017. The decrease in the second quarter was primarily due to a decline in the number of system orders in both our legacy and HazardPRO product lines. We believe our customers are deferring capital expenditures for larger system orders as they experience record low commodity prices and face the uncertainty of international tariffs. Furthermore, international sales decreased 55% predominantly as the result of decreased sales into Canada, Europe, and Mexico.

#### Gross Profit

Gross profit for the second quarter of 2018 decreased \$352, or 26.6%, over the same period in 2017. Gross profit for the six months ended June 30, 2018 decreased \$335, or 15.1%, over the same period in 2017. Gross margin, as a percentage of net sales, decreased in the second quarter of 2018 to 54.6%, versus 56.9% in the same period in 2017. Gross margin, as a percentage of net sales, decreased in the six months ended June 30, 2018 to 54.0%, versus 55.6% in the same period in 2017. The decrease in gross margin percentage during the first and second quarter of 2018 was due to a change in product mix.

## Operating Expenses

Total operating expenses increased \$59, or 6.0%, for the second quarter of 2018 compared to the same period in 2017 and also increased as a percentage of net sales to 58.8% from 42.5%. Total operating expenses increased \$214, or 10.5%, for the six months ended June 30, 2018 compared to the same period in 2017 and also increased as a percentage of net sales to 64.1% from 50.7%. The increases in operating expenses as a percentage of sales were due primarily to decreased revenues in the second quarter of 2018.

Selling and marketing expenses in the second quarter of 2018 decreased \$7, or 1.7%, from the same period in 2017, but increased as a percentage of net sales to 22.5% from 17.5%. Selling and marketing expenses in the six months ended June 30, 2018 increased \$51, or 6.5%, from the same period of 2017, and also increased as a percentage of net sales to 23.9% from 19.6%. The decrease in the second quarter resulted primarily from a decrease in commissions paid to outside sales representatives due to decreased sales, partially offset by increased expenses related to the hiring of a business development manager. The increase for the six months ended June 30, 2018, as compared to the same period in 2017, resulted primarily from the hiring of a business development manager, partially offset by a decrease in commissions paid to outside sales representatives due to decreased sales.

General and administrative expenses increased \$45, or 11.9%, for the second quarter of 2018 compared to the same period in 2017 and also increased as a percentage of net sales to 23.8% from 16.3%. General and administrative expenses increased \$133, or 16.2%, for the six months ended June 30, 2018 compared to the same period in 2017 and also increased as a percentage of net sales to 27.3% from 20.5%. The increase for both periods was due to increases in legal and professional expenses and computer supplies, software, and testing.

Research and development expenses increased \$21, or 10.4%, in the second quarter of 2018 from the same period in 2017, and also increased as a percentage of net sales to 12.5% from 8.7%. Research and development expenses increased \$30, or 7.1%, in the six months ended June 30, 2018 compared to the same period in 2017, and also increased as a percentage of net sales to 12.9% from 10.6%. The increase for both periods was due to the hiring of additional personnel and increased lab testing and certification expenses for a new product, partially offset by a decrease in contract engineering related to product enhancements.

## Non-Operating Income

Non-operating income increased by \$20, or 285.7%, for the second quarter of 2018 compared to the same period in 2017. Non-operating income increased by \$34, or 188.9%, for the six months ended June 30, 2018 compared to the same 2017 period. The increase was primarily due to higher interest income in both the first and second quarters of 2018, as compared to the respective prior year periods, primarily the result of higher interest rates on Treasury Bills.

Income (Loss) Before Income Taxes

Loss before income taxes was \$48 for the second quarter of 2018, representing a decrease of \$391, or 114.0%, compared to income before income taxes of \$343 for the same period in 2017. Loss before income taxes was \$304 for the six months ended June 30, 2018, representing a decrease of \$515, or 244.1%, when compared to income before income taxes of \$211 for the same period of 2017. The decrease for the period was the result of lower revenues in the second quarter of 2018 and higher operating expenses as discussed above.

*Income Taxes*

The Company's income tax expense percentage decreased to 10.4% for the second quarter of 2018 from 35.0% in the second quarter of 2017 and decreased to 19.4% for the six months ended June 30, 2018 from 34.1% for the six months ended June 30, 2017 due to the enactment of the Tax Jobs and Cuts Act (the "Act") of 2017 in December 2017. The Act decreased the highest corporate rate to 21% from 39%.

## LIQUIDITY AND CAPITAL RESOURCES

Cash and cash equivalents were \$758 at June 30, 2018 and \$963 at December 31, 2017. The decrease was primarily the result of an increase in cash used in operating activities and the payment of the contingent earn-out of \$150 in the first quarter of 2018.

Cash used in operating activities was \$80 for the six months ended June 30, 2018 as compared to cash generated from operations of \$39 for the six months ended June 30, 2017. The \$119 decrease was due to the net loss experienced in the first half of 2018 and a decrease in accrued income taxes, partially offset by a decrease in trade receivables. The increase in net loss in the first half of 2018, as compared to the prior year period, was primarily due to decreased revenue for that period. The decrease in accrued income taxes is due to the net loss. The decrease in trade receivables is due to the timing of sales and collections on accounts.

Cash generated from investing activities was \$25 and \$16 for the six months ended June 30, 2018 and 2017, respectively. During the six months ended June 30, 2018 and 2017, the Company had net proceeds of Treasury Bills with a maturity date of more than three months of \$53 and \$28, respectively. In addition, we purchased \$28 and \$12 of property and equipment during the six months ended of 2018 and 2017, respectively.

Cash used in financing activities in the six months ended June 30, 2018 was \$150 to pay the contingent earn-out for the technology purchased from Harvest Engineering, Inc. (Harvest) in 2014. This was the final payment due to Harvest. There was no cash used or provided by financing activities in the six months ended June 30, 2017.

Our ongoing cash requirements will be primarily for capital expenditures, research and development, working capital, and growth initiatives. Management believes that our cash on hand and any cash generated from operations will be sufficient to meet our cash requirements through at least the next 12 months.

### Future Business Development Activities

The Company continues to seek growth opportunities, both internally through the Company's existing portfolio of products, technologies and markets, as well as externally through technology partnerships or related-product acquisitions.

#### Off-balance Sheet Arrangements

As of June 30, 2018, the Company had no off-balance sheet arrangements or transactions.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

Not Applicable.

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

Based on an evaluation with the participation of the Company's management, the Company's principal executive officer and principal financial officer have concluded that the Company's disclosure controls and procedures as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended ("Exchange Act") were effective as of June 30, 2018.

*Changes in Internal Control Over Financial Reporting*

There were no changes in the Company's internal control over financial reporting during the second quarter of 2018, which were identified in connection with management's evaluation required by paragraph (d) of Rules 13a-15 and 15d-15 under the Exchange Act, that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

PART II – OTHER INFORMATION

Item 1. Legal Proceedings – None

Item 1A. Risk Factors – Not Applicable

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds – None

Item 3. Defaults Upon Senior Securities – None

Item 4. Mine Safety Disclosures – Not Applicable

Item 5. Other Information – None

Item 6. Exhibits

Exhibit Description

31.1 Certification of CEO and CFO Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.

32.1 Certification of CEO and CFO Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

101 The following financial information from Electro-Sensors, Inc.'s Quarterly Report on Form 10-Q for the quarterly period ended June 30, 2018, formatted in eXtensible Business Reporting Language XBRL: (i) Balance Sheets as of June 30, 2018 and December 31, 2017, (ii) Statements of Comprehensive Loss for the three and six months ended June 30, 2018 and June 30, 2017, (iii) Statements of Cash Flows for the six months ended June 30, 2018 and June 30, 2017, and (iv) Notes to Financial Statements.

SIGNATURES

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

Electro-Sensors, Inc.

August 14, 2018

/s/ David L. Klenk

David L. Klenk

Chief Executive Officer and Chief Financial Officer

(Principal Executive Officer and Principal Financial Officer)