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

**FORM 8-K**

**CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): November 15, 2016



**LivaNova PLC**

(Exact Name of Registrant as Specified in its Charter)

**England and Wales**  
(State or Other Jurisdiction  
of Incorporation)

**001-37599**  
(Commission  
File Number)

**98-1268150**  
(IRS Employer  
Identification No.)

**5 Merchant Square  
North Wharf Road  
London, W2 1AY  
United Kingdom**  
(Address of Principal Executive Offices)

**(44) 203 786 5275**  
(Registrant's Telephone Number, Including Area Code)

**N/A**  
(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instructions A.2. below):

- ☐ 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))
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**Share Repurchase Program**

On November 15, 2016, the Board of Directors of LivaNova PLC ("LivaNova" or the "Company") approved an amendment (the "Amended Share Repurchase Program") to the share repurchase program previously approved by the Board of Directors on August 1, 2016 (the "Share Repurchase Program"). The Share Repurchase Program had authorized the Company to repurchase up to \$30 million of the Company's ordinary shares from September 1, 2016 through December 31, 2016 (with further repurchases in each of 2017 and 2018.) The Amended Share Repurchase Program authorizes the Company to repurchase up to \$50 million of the Company's ordinary shares through December 31, 2016 (instead of the originally authorized \$30 million.) The Amended Share Repurchase Program is in accordance with an authority approved by the Company's shareholders at its annual general meeting on June 15, 2016. Purchases of the ordinary shares under the Amended Share Repurchase Program will be carried out on NASDAQ and will be notified to the market through a UK Regulatory Information Service on the business day following the calendar day on which the repurchase occurred. Ordinary shares repurchased by the Company through the Amended Share Repurchase Program will be cancelled. Until further notice, the Amended Share Repurchase Program will be conducted pursuant to Rule 10b5-1 under the US Securities Exchange Act and may therefore continue during closed periods in accordance with applicable restrictions.

## SIGNATURE

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 hereunto duly authorized.

LivaNova PLC

Date: November 15, 2016

By: /s/ Catherine Moroz

Name: Catherine Moroz

Title: Deputy Company Secretary