

TRIAN FUND MANAGEMENT, L.P.  
 Form 4  
 August 15, 2018

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**Peltz Matthew H.**

(Last) (First) (Middle)  
 280 PARK AVENUE  
 (Street)

NEW YORK, NY 10017

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**PENTAIR plc [PNR]**

3. Date of Earliest Transaction (Month/Day/Year)  
**08/13/2018**

4. If Amendment, Date Original Filed (Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

6. Individual or Joint/Group Filing (Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common (Ordinary) Shares	08/13/2018		S <sup>(1)</sup>	1,700,000 D	\$ 42.15 12,036,582	I	Please see explanation below <u>(2)</u> <u>(3)</u>
Common (Ordinary) Shares - Restricted Stock Units					2,862	D	

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

**Persons who respond to the collection of information contained in this form are not**

SEC 1474 (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)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Transaction (Instr. 5)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Peltz Matthew H. 280 PARK AVENUE NEW YORK, NY 10017		X		
TRIAN FUND MANAGEMENT, L.P. 280 PARK AVENUE NEW YORK, NY 10017		X		

## Signatures

Daniel R. Marx, Attorney-In-Fact for Matthew H. Peltz	08/15/2018
__Signature of Reporting Person	Date
Daniel R. Marx, Attorney-In-Fact for Edward P. Garden, member of the general partner of Trian Fund Management, L.P.	08/15/2018
__Signature of Reporting Person	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).
- (1) The sale reported in this Form 4 was done for portfolio management purposes.
  - (2) Trian Fund Management, L.P. ("Trian Management") serves as the management company for Trian Partners, L.P., Trian Partners Master Fund, L.P., Trian Partners Parallel Fund I, L.P., Trian Partners Strategic Investment Fund II, L.P., Trian Partners Strategic Investment Fund-A, L.P., Trian Partners Strategic Investment Fund-N, L.P., Trian Partners Strategic Investment Fund-D, L.P., Trian Partners Fund (Sub)-G, L.P., Trian Partners Strategic Fund-G II, L.P., Trian Partners Strategic Fund-G III, L.P., Trian Partners Strategic Fund-K, L.P.

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and Trian Partners Strategic Fund-C, Ltd. (collectively, the "Trian Entities") and as such determines the investment and voting decisions of the Trian Entities with respect to the shares of the Issuer held by them.

- (3) (FN 2, contd.) Mr. Peltz is a limited partner of certain affiliates of the Trian Entities and Trian Management and therefore may be deemed to have an indirect interest in the shares which they hold. The Reporting Persons disclaim beneficial ownership of such shares except to the extent of their respective pecuniary interests therein and this report shall not be deemed an admission that the Reporting Persons are the beneficial owner of such securities for purposes of Section 16 or for any other purpose. Mr. Peltz is a director of the Issuer.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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