

(1) TYPE EXAMINATION CERTIFICATE

(2) Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC

(3) Type Examination Certificate Number: **KEMA 07ATEX0012** Issue Number: **1**

(4) Equipment: **EPIC Series Valve Position Transmitters, Models D410 and D420**

(5) Manufacturer: **Westlock Controls Ltd.**

(6) Address: **22 Chapman Way, Tunbridge Wells, Kent, TN2 3EF, England**

(7) This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) KEMA Quality B.V. certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the directive.

The examination and test results are recorded in confidential test report no. 2101638.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 : 2004
EN 61241-0 : 2004

EN 60079-15 : 2005
EN 61241-1 : 2004

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This Type Examination Certificate relates only to the design, examination and tests of the specified equipment and not to the manufacturing process and supply of this equipment.

(12) The marking of the equipment shall include the following:



II 3 G Ex nA II T4
II 3 D Ex tD A22 IP66/IP67 T 86°C

This certificate is issued on 23 July 2007 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

KEMA Quality B.V.



T. Pijker
Certification Manager



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(13) **SCHEDULE**

(14) **to Type Examination Certificate KEMA 07ATEX0012**

Issue No. 1

(15) **Description**

The EPIC Series Valve Position Transmitter, Models D410 and D420, provides both a 4-20 mA signal for position of the valve and digital communications via the HART protocol.

Ambient temperature range -50 °C to +85 °C.

Electrical data

Supply: 10-30 Vdc, 4-20 mA output

Installation instructions

The Installation and Operation Manual as provided by the manufacturer shall be followed in detail to assure safe operation of the equipment.

Routine tests

The routine electric strength test according to EN 60079-15, clause 34.2.1 shall be carried out between the input terminals and the equipment chassis.

(16) **Test Report**

KEMA No. 2101638.

(17) **Special conditions for safe use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 2101638.