

# (1) **EC-TYPE EXAMINATION CERTIFICATE**

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

(3) EC-Type Examination Certificate Number: **KEMA 06ATEX0296** 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., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, 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 number 2101400.

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

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

**EN 60079-1 : 2004**  
**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 EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

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



**II 2 G Ex d IIB + H<sub>2</sub> T5**  
**II 2 D Ex tD A21 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. Pijper  
Certification Manager



(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 06ATEX0296**

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.

(16) **Test Report**

KEMA No. 2101400.

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

None.

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

Assured by compliance with the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 2101400.