

EU-TYPE EXAMINATION CERTIFICATE

Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive
2014/34/EU

- EU-Type Examination Certificate Number:** ITS10ATEX17081X **Issue 04**
- Product:** Valve Position Monitor
- Manufacturer:** Westlock Controls Corporation
- Address:** 280 Midland Avenue
Saddle Brook, NJ 07663
United States of America
- This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- Intertek Testing and Certification Limited, Notified Body number 0359 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that the product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II of the Directive.
- Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0:2018 and EN 60079-1:2014 except in respect of those requirements referred to within item 14 of the Schedule.
- If the sign "X" is placed after the certificate number, it indicates that the product is subject to the special conditions of use specified in the Schedule to this certificate.
- This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- The marking of the product shall include the following:

II 2 G Ex db IIC T* Gb

II 2 D Ex tb IIIC T*°C Db



T6 / T80°C -60°C to +60°C

T5 / T95°C -60°C to +75°C

T4 / T130°C -60°C to +85°C

Certification Officer: 
Todd L. Relyea

Date: 26 September 2019

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

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SCHEDULE:

EU-Type Examination Certificate Number: ITS10ATEX17081X - Issue 04

11. Description of Equipment or Protective System

The 2869, 3479 or E3497 series valve position monitor provides end of travel indication via proximity switch(s) mounted through the wall of the enclosure that are activated by means of a trigger system comprising of two adjustable magnets. The 2869, 3479 or E3497 series enclosure is available in cast aluminium or stainless steel only and comprises of a housing with a screw secured cover. The housing has the option of up to two proximity switches and three cable entries for connection to an external power source via appropriate ATEX certified IP6X cable glands; M20 x 1.5p, M25 x 1.5p, 1/2"-14NPT or 3/4"-14 NPT. The entries are detailed on the product I.D label found on the housing.

The first two digits of the Westlock nomenclature signifies the series (28 or 34). The 2869 is the UK series. The series digits 28 are followed by a 6 as there is no beacon option and then a 9 for the Magnum style switch option. The 3479 is the USA series and the 8th digit (M) indicates the Magnum switch option. Westlock UK do not offer the Rhodium type switch contact so the M digit followed by the number 12 i.e. M12 is not used. The table below details the applicable ambient temperature range, T Class, Tmax and electrical rating for the proximity switch(s) fitted;

Series Code	T Class / Tmax	Ambient Range
2869, 3479 or E3497	T6 / T80°C	-60°C to +60°C
2869, 3479 or E3497	T5 / T95°C	-60°C to +75°C
2869, 3479 or E3497	T4 / T130°C	-60°C to +85°C

Series Code/Switch Designation	Electrical Rating
2869, 3479 or E3497 OR 2A/24VDC	PROXIMITY SWITCH RATINGS: 3A/120VAC, 1.5A/240VAC

The 2869, 3479 or E3479 series can also be fitted with a single Ex d coil with the following possible electrical ratings.

COIL VOLTAGE	ELECTRICAL RATINGS
12 VDC	12 VDC (0.7W)
24 VDC	24 VDC (0.7W)
125 VDC	125 VDC (1W)
90-120 VAC	90-120 VAC (4VA)
220-240 VAC	90-120 VAC (4VA)
OTHERS	LIMITED TO 1W OR 4VA

CE Marking shall be accompanied by the identification number of the Notified Body responsible for surveillance of production.

12. Report Number

Intertek Report: 103818222CRT-001b and 103818222CRT-001c Dated: 26 September 2019.

13. Special Conditions of Certification

(a). Special Conditions of Use

- The equipment can exceed 70°C at the cable entry point and 80°C at the branching point, cable must be suitably selected.
- Only suitably approved IECEx Ex d IIC, Ex tb IIIC cable glands, conduit stopping devices and thread adaptors must be used.
- When conduit is used a suitably approved stopping box must be used at a distance less than the size of the conduit.
- Any unused entries must be blanked with suitably IECEx approved stopping plugs.
- No modifications shall be made to the flamepaths of the product without reference to the drawings listed in the ExTR.
- The serial number is marked externally - if required by the end user Westlock Controls will provide a label for internal marking of the serial number.
- The flamepath joints are not intended to be repaired.

(b). Conditions of Manufacture - Routine Tests

- None

14. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report: 103818222CRT-001b and 103818222CRT-001c Dated: 26 September 2019.

15. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
ID LBL FOR E3479 SERIES	LB-11874-001	INITIAL RELEASE	5/24/19
ID LBL FOR 3479/E3479 SERIES	LB-11877-XXX	INITIAL RELEASE	5/24/19
ID LBL FOR 3479 SERIES	LB-11874-002	INITIAL RELEASE	5/24/19
ATEX CERTIFICATION DRAWING 2800/3479/E3479	MS-10764	A	04/04/08
2800/3479/E3479 SERIES ATEX AND IECEx CERTIFIED INSTALLATION AND OPERATING INSTRUCTIONS	TECH-548-EN	A	8/1/18