EU-TYPE EXAMINATION
CERTIFICATE

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

1. **EU-Type Examination Certificate Number:** **ETL24ATEX0440X** **Issue 00**

2. **Product:** 3479, E3479 Series Valve Position Monitor

3. **Manufacturer:** Westlock Controls Corporation

4. **Address:** 280 Midland Ave
Saddle Brook, NJ 07663
USA

5. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

6. Intertek Testing Services NA Ltd., Notified Body number 2903 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.

7. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN IEC 60079-0:2018, EN 60079-1:2014 and EN 60079-31:2014 except in respect of those requirements referred to within item 14 of the Schedule.

8. 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.

9. 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.

10. 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

Tamb: -*°C to +*°C, IP 6X

*Dependent on configuration, see description below for details

Certification Officer: Todd L. Relyea **Date:** 05 December 2024

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11. Description of Equipment or Protective System

The 3479 or E3479 series valve position monitor provides end of travel indication via proximity switch(s) mounted through the floor of the enclosure that are activated by means of a trigger system comprising of two adjustable magnets. The 3479 or E3479 series enclosure is available in cast aluminum or stainless steel and comprises of a housing with a screw secured cover. The E3479 Series also controls using an attached installed Ex d solenoid operated pneumatic valve. 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 table below details the applicable ambient temperature range, T Class, Tmax and electrical rating for the proximity switch(s) fitted.

Ambient Details			
Model	Coil Option	Power	Temperature Code
3479	N / A	N / A	-60°C to +85°C (T4 / T130°C) -60°C to +75°C (T5 / T95°C) -60°C to +60°C (T6 / T80°C)
E3479	ETO, EZO or EYO	0.5W, 0.85W, or 1.80W	-20°C to +60°C (T4 / T130°C) -20°C to +57°C (T5 / T95°C) -20°C to +42°C (T6 / T80°C)
		4W	-20°C to +60°C (T4 / T130°C) -20°C to +46°C (T5 / T95°C) -20°C to +31°C (T6 / T80°C)
	ETL, EZL or EYL	0.5W, 0.85W, or 1.80W	-40°C to +52°C (T4 / T130°C) -40°C to +52°C (T5 / T95°C) -40°C to +42°C (T6 / T80°C)
		4W	-40°C to +52°C (T4 / T130°C) -40°C to +46°C (T5 / T95°C) -40°C to +31°C (T6 / T80°C)

Electrical Ratings:

Proximity Switch Rating (M06): 3A / 120VAC, 1.5A / 240VAC or 2A / 24VDC.

Proximity Switch Rating (M12): Rhodium Contacts 200mA / 120VAC or 1A / 24VDC

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

Ratings	
Voltage	Power
5 to 300VDC	0.50W
	0.85W
	1.80W
	4W
6 to 250VAC	50 – 60Hz, 0.50VA
	50 – 60Hz, 0.85VA
	50 – 60Hz, 1.90VA
	50 – 60Hz, 4VA

12. Report Number

Intertek Report: 105954524CRT-001 Issue: 0 Dated: 02-December-2024.

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 suitable approved ATEX Ex d IIC and 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.
- All unused entries must be plugged with suitably approved Ex db blanks with an ingress protection rating of IP6X.
- No modifications shall be made to the flamepaths of the product without reference to the drawings listed in the certificate.
- The serial number is marked externally, if required by the end user, Westlock Controls Corporation 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: 105954524CRT-001 Issue: 0 Dated: 02-December-2024.

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15. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
Certification Drawing 3479/E3479	MS-10764	A	04/04/08
3479/E3479 Series Installation and Operating Instructions	TECH-548-EN	B	10/30/24
3479/E3479 Series ATEX / IECEx Label Master	LB-091001UK	D	11/25/24

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