

(1) **EU-Type Examination Certificate**
(2) **Equipment or Protective Systems Intended for use in Potentially Explosive Atmospheres**

Directive 2014/34/EU

(3) EU – Type Examination Certificate Number: **IEP 21 ATEX 0958X**

(4) Product: **LS4-FLP-01 Type Limit Switch Box**

(5) Firm Name: **AIRA EURO AUTOMATION PVT LTD**

(6) Firm Address (HQ) : **Plot No 123-124, Aira Estate, Behind Security Estate, Near Kashiram Textile Mill, Narol, Ahmedabad – 382405 (GUJARAT) INDIA**

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

(8) The IEP Uluslararası Enerji Petrol Gözetim, Sertifikasyon ve Teknik Hizmetler Organizasyonu Tic. Ltd. Sti., notified body number 2284 in accordance with Article 17 of the Directive 2014/34/EU of European Parliament and of the Council, dated 26 February 2014, certifies that this 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 to the Directive. The examination and test results are recorded in confidential Report Nr: IEP.Rp.Ex.10-1962 date 07.06.2021.


(9) Compliance with Essential Health and safety requirements has been assured by compliance with ;

EN IEC 60079-0: 2018 , EN 60079-1: 2014

(10) If the sign “ X “ is placed after the certificate number, it indicates that the product is subject to Specified Conditions of Safe Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product in accordance to the directive 2014/34/EU. Further requirements of the directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

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

 **II 2G Ex db IIC T6 Gb**

Responsible Person :

Nurettin Terzioglu
Head of Certification Body



Date of Issue : 11.06.2021





IEP ENERGY PETROLEUM INSTITUTE

(13) Schedule

(14) Certificate Nr: **IEP 21 ATEX 0958X**

(15) Description of Equipment:

Limit switch mainly consists of a top cover, housing and shaft (operating rod). Top cover and housing are made from cast aluminum Alloy LM2. The terminal compartment is equipped with explosion-proof cable gland d type. Limit switch box is equipped with cable to use of external grounding cable 4 mm² (min) and HD 21.13.S1/HD.22.4.S4. Limit switch box has been evaluated in the contents of IP 67.

Technical Parameters: LS4-FLP-01 type limit switch box

IP Protection Degree	: IP 67
Ambient Temperature	: -20 °C ~ +40 °C
Operating voltage (Current)	: 230 VAC (10A Max.)
Optional rating	: (12, 24, 36, 48, 90, 110, 220) VAC & VDC
Frequency	: 50 Hz
Cable Entrances	: 1/2" NPT

(16) Essential Health and Safety Requirements:

16.1 Are included in standards, which are mentioned in clause (9) of this certificate. The products were approved in accordance with above mentioned standards and manufacturer's instruction.

16.2 At the installation and the operation of the LS4-FLP-01 type limit switch box has to be observed manufacturer's manual 6 pages dated 07/05/2021.

(17) Special conditions for safe use:

The installation and the operation of the LS4-FLP-01 type limit switch box has to confirm to the relevant national regulations.

(18) List of Documentation:

- User Manual : 6 pages, dated 07/05/2021
- Component Lists : ATX-LS4-FLP-01-52-01, dated 07/05/2021
- Drawings;

Drawing Nr;	Date;
ATX-LS4-FLP-01-20-01	07/05/2021
ATX-LS4-FLP-01-51-01	07/05/2021
ATX-LS4-FLP-01-52-01	07/05/2021
ATX-LS4-FLP-01-GA-01	07/05/2021
ATX-LS4-FLP-01-14-01	07/05/2021

For the validity of analysis type certificate, the parts that are used in limit switch box are confirmed in the part list ATX-LS4-FLP-01-52-01 date 07/05/2021.

Responsible Person :

Nurettin Terzioğlu
Head of Certification Body



Date of Issue : 11.06.2021



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