



EC-Type Examination Certificate

(1)

(2)

Equipment or Protective Systems Intended for use
in Potentially Explosive Atmospheres
Directive 94/9/EC

(3) EC-Type Examination Certificate Number:

FTZÚ 10 ATEX 0193

(4) Equipment or protective system: **Solenoid Valve Operator type WSLI**

(5) Manufacturer: **ASCO JOUCOMATIC S.A.**

(6) Address: **53 rue de Beauce, 281 11 Luce, France**

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

(8) The Physical Technical Testing Institute, notified body number 1026 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system 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 Report N°

10/0193 dated 10.11.2010

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

EN 60079-0 : 2006; EN 60079-11 : 2007; EN 50303 : 2000

(10) If the sign „X” is placed after the certificate number, it indicates that the equipment or protective system 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 testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

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

 **I M1 Ex ia I**

This EC-Type Examination Certificate is valid till: **10. 11. 2015**

Responsible person:

Date of issue: 10.11.2010


Dipl. Ing. Šindler Jaroslav
Head of certification body



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Physical Technical Testing Institute
Ostrava-Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 10 ATEX 0193**

(15) Description of Equipment or Protective System:

The WSLI solenoid valve operator is intended to be supplied from an intrinsically safe circuit and complies with requirements for category M1 equipment.

The apparatus is comprised of an intrinsically safe coil housed in a stainless steel enclosure.

Technical parameters:

$U_i \leq 32 \text{ V}$; $I_i \leq 500 \text{ mA}$; $P_i \leq 1,5 \text{ W}$; $C_i = 0$; $L_i = 0$

Operating ambient temperature: $T_a = -40^\circ\text{C}$ to $+60^\circ\text{C}$

Degree of protection: IP 67

(16) Report No.: 10/0193

(17) Special conditions for safe use: none

(18) Essential Health and Safety Requirements:

Essential health and safety requirement of Directive 94/9/EC are covered by standards mentioned in (9), according which the product was verified and in the manufacturer's instruction for use.

Responsible person:

Date of issue: 10.11.2010


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(13) **Schedule**

(14) **EC-Type Examination Certificate N° FTZÚ 10 ATEX 0193**

(19) **LIST OF DOCUMENTATION**

<i>Documentation:</i>	<i>Date:</i>
• Certificate LCIE 09 ATEX 3054X	16.12.2009
• Drawing of Label No. 427029	09.11.2010

Responsible person:

Date of issue: 10.11.2010


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