ADDITION

(3) INERIS 02ATEX0009X/01

(4) SOLENOID VALVE TYPE 01.....H011...

(5) Made by Fluid Automation Systems S.A

(15) PURPOSE OF THE ADDITION

- Application of EN60079-0: 2009, EN60079-11: 2012 and EN60079-26: 2007 standards for solenoid valves variant 12 V.
- Modification of coil's resistance stipulated in paragraph (15) PARAMETERS RELATING TO THE SAFETY from basic EC type examination certificate. Coil's resistance of 2880 Ω becomes 280 Ω.
- Decreasing of maximum ambient using temperature for all temperature classes.

PARAMETERS RELATING TO THE SAFETY

The parameters relating to the safety are unchanged.

MARKING

Marking is modified as follows:

FLUID AUTOMATION SYSTEMS SA
Route de l'Etraz, 126
CH-1290 Versoix/Genève
Switzerland
01..... H011... *
12VDC 0.5W
(serial number / week of construction)
Ⓔx II 1 GD
Ex ia IIC T6, T5 or T4 ** Ga
Ex ia IIIC T85°C, T100°C or T135°C ** Da
IP65
INERIS 02ATEX0009X
Tamb. = -20°C to +..°C **
Ui = 16 V ; Ii = 330 mA

WARNING: POTENTIAL DANGER OF ELECTROSTATIC DISCHARGES - SEE INSTRUCTIONS

Marking may be reduced to:

CH-1290 Versoix
SWITZERLAND

01..... H011... *
12VDC 0.5W
(serial number / week of construction)
 II 1 GD
Ex ia IIC T6, T5 or T4 ** Ga
Ex ia IIIC T85°C, T100°C or T135°C ** Da
IP65
INERIS 02ATEX0009X

(*) Dots are replaced by numbers or letters defining thermal and mechanical variants of the apparatus.

(**) The temperature class is defined according to the using ambient temperature of the device following the table below:

Coil type		Temperature class		Ambient temperature range (**)	Safety parameters	
Voltage	Coil resistor	Gas (**)	Dust (**)		Ui	Ii
Possible marking for electrovalves 12 Vac/dc and 24 Vac/dc						
12 Vdc	280 Ω	T6	T85°C	-20°C to +55°C	16 V	330 mA
12 Vdc	280 Ω	T5	T100°C	-20°C to +70°C	16 V	330 mA
12 Vdc	280 Ω	T5	T100°C	-20°C to +105°C	16 V	330 mA

ROUTINE EXAMINATIONS AND TESTS

The routine examinations and tests are unchanged.

(16) DESCRIPTIVE DOCUMENTS

The descriptive documents quoted hereafter constitute the technical documentation describing the modification of the equipment, subject of this present addition.

Descriptive drawing	H010.1009 revision a	dated on 2014.01.07
Instructions notice	M010.1162-en	dated on 2014.01.06

These documents were signed on 6th may 2014.

(17) SPECIAL CONDITIONS FOR SAFE USE

The special conditions for safe use are modified as follows:

Potential electrostatic discharges, see instructions.

(18) ESSENTIAL SAFETY AND HEALTH REQUIREMENTS

The respect of the Essential Health and Safety Requirements is completed as follows:

- Conformity to the standards quoted in clause (15).
- All provisions adopted by the manufacturer and defined in the descriptive documents.

Verneuil-en-Halatte, 2014.06.10

The Chief Executive Officer of INERIS
By delegation
T. HOUEIX
Ex Certification Officer

ATMOSPHERES EXPLOSIVES ORGANISME NOTIFIE INERIS NOTIFIED BODY EXPLOSIVE ATMOSPHERES