

# [1] EC-TYPE EXAMINATION CERTIFICATE

[2] Equipment or Protected System Intended for use  
in Potentially explosive atmospheres  
Directive 94/9/EC

[3] EC-Type Examination Certificate Number: Nemko 10ATEX1082

[4] Equipment or Protective System: Level Switch

[5] Applicant/ Manufacturer: ITT Water & Wastewater AB

[6] Address: Gesällvägen 33  
Sundbyberg, SE-17453.  
Sweden

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

[8] Nemko AS, notified body number 0470 in accordance with Article 9 of 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 no. 124397

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: CENELEC EN60079-0: 2009, CENELEC EN 60079-11:2007, CENELEC EN 60079-26: 2007

[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 tests 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:

 II 1G Ex ia IIC T4 Ga,  $-20^{\circ}\text{C} \leq \text{Ta} \leq 60^{\circ}\text{C}$

Oslo, 2010-05-05



p.p. Rolf Hoel  
Certification Manager, Ex-products

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**[13] Schedule****[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 10ATEX1082****[15] Description of Equipment or Protective System**

ENM-10 is a level switch for use to control of pumps and valves. The regulator casing is made of conductive polypropylene with a maximum 20m permanently mounted cable.

**Type designation.**

ENM-10

**Safety Data.**

Maximum input voltage: Ui: 30V  
Maximum input current: Ii: 100mA  
Maximum input power: Pi : 1.2W  
Maximum capacitance: Ci: 1,6nF  
Maximum inductance: Li: 11,6µH

**Report No. 124397****[16]****Descriptive Documents**

Name/Number	Rev.	Date	Title/Description
5947910	0	1992-04-16	Level switch unit ENM-10
5947910X	0	1992-04-16	Level switch unit ENM-10
4668901	0	2010-03-19	Marking tape

**[17] Special Conditions for Safe Use**

None.

**[18] Essential Health and Safety Requirements**

See item 9

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