

[1] EU-TYPE EXAMINATION CERTIFICATE

[2] Equipment or Protected System Intended for use
in Potentially explosive atmospheres
Directive 2014/34/EU

[3] EU-Type Examination Certificate Number: Nemko 10ATEX1082 Issue 2

[4] Product: Level Switch

[5] Manufacturer: Xylem Water Solutions
Global Services AB

[6] Address: Gesällvägen 33
174 87 Sundbyberg,
Sweden

[7] This product 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 17 of Directive 2014/34/EU of the 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 no.

D0001769 rev.1

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0: 2012 +A11:2013, EN 60079-11: 2012

[10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of 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. 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 product shall include the following:



II 1 G

Ex ia IIC T4 Ga -20°C ≤ Ta ≤ 60°C

Oslo, 2018-05-23



Geir Hørthe
Certification Manager

[13] Schedule

[14] **EU-TYPE EXAMINATION CERTIFICATE No** **Nemko 10ATEX1082** **Issue 2**

[15] **Description of Product**

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 20.2m permanently mounted cable.

Type Designations

ENM-10

Electrical Safety Parameters

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

[16] **Report No. D0001769 rev.1**

Descriptive Documents

Number	Title	Rev	Date
5947910	Level switch unit ENM-10	6	2018-01-29
5947910X	Level switch unit ENM-10	2	2018-01-24
4668902	Marking tape	3	2018-04-26

Certificate History and Associated Nemko Reports

Issue	Date	Report	Description
0	2010-05-05	124397	Prime Certificate released.
1	2015-11-12	D0001769	Update to latest edition of standards EN60079-0:2012 and EN60079-11:2012 and change of company name.
2	2018-05-23	D0001769 rev.1	Descriptive documents revision update.

[17] **Specific Conditions of Use**

None

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

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9