

EU-Type Examination Certificate

[2] EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 2014/34/EU

[3] EU-Type Examination Certificate Number: Presafe 18 ATEX 12335X Issue 0

[4] Product: Camera Station

[5] Manufacturer: Eaton MEDC Ltd.

[6] Address: Unit B Sutton Parkway, Oddicroft Lane
Sutton in Ashfield, NG175FB
United Kingdom

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

[8] DNV GL Nemko Presafe AS, notified body number 2460, 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 reports listed in section 16.

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: EN 60079-0:2012/A11:2013 and EN 60079-1:2014

[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 2 G Ex db IIB+H2 T6/T5, (Ref. description)

Date of issue: 2018-05-04

Ståle Sandstad
For DNV GL Nemko Presafe AS

The Certificate has been digitally signed.

See www.presafe.com/digital_signatures for more info



This certificate may only be reproduced in its entirety and without any change, schedule included.

[13]

Schedule

[14] EU-TYPE EXAMINATION CERTIFICATE No.: Presafe 18 ATEX 12335X Issue 0

[15] Description of Product

XD7 is a camera enclosure with a Lexan plastic dome. Entries into enclosure are via a threaded entry for use with Ex-d cable glands, or via a potted bushing. When potted bushing is used, the outside of bushing must be protected by a certified Ex-e junction box.

Type designation

XD7

Electrical Data

Umax 34 VAC 50/60 Hz, 60 VDC/ Vcc, Pmax: 18W without heater
Pmax total : 38W with heater

Degrees of protection (IP Code)

IP 66

Ambient temperature:

Ex db IIB+H2 T6 Gb, $-20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$, (for variant with/without bushing and terminal box)
Ex db IIB+H2 T5 Gb, $-20^{\circ}\text{C} \leq T_a \leq +70^{\circ}\text{C}$

Routine tests

Routine overpressure tests in accordance with the requirements of clause 16.3 in EN 60079-1:2014. Test pressure is 8,6 bar.

[16] Report No.: D0003397

[17] Specific Conditions of Use

- The parts of potted bushing outside the flameproof enclosure shall be protected with a certified Ex-e junction box.
- The XD7 dome must be installed under a flat horizontal infrastructure with the dome glass facing downwards.
- To prevent potential electrostatic discharge hazards the installation instructions specify to use a wet or damp cloth when cleaning the plastic surface of the dome.
- The dimensions of the flameproof joints are other than the relevant minimum or maximum values required by EN 60079-1:2014, Contact manufacturer for details .

[18] Essential Health and Safety Requirements

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

[19] Drawings and documents

Number	Title	Rev.	Date
AX011300-B	Construction drawing-housing EX 270 dome - additional entry	B	2016-08-16
AX011956-B	Construction drawing -Support ring with threads for Ex 270 Dome	B	2016-01-04
AX018103-B	Construction drawing -Dome for Ex 270	B	2016-09-26
AX097105-G	General Arrangement Ex 270 Dome Camera Station	G	2017-09-22
AX011962-F	Construction drawing top ring-Ex 270 dome	F	2013-11-12
AX011959-C	Construction drawing, Top Flange– Ex270 dome (2 sheets)	C	2009-01-16
AX030093-E	Construction drawing DNV marking Ex approved Equipment P/N-03009	E	2017-09-06
AX030137-A	PLATE MARKING OXALIS XD7 DOME	A	2018-03-09

[20] Certificate History

Issue	Description	Issue date	Report no.
0	Original issue	2018-05-04	D0003397

END OF CERTIFICATE