

Translation

(1) **EU-Type Examination Certificate**

**TÜV NORD**

- (2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 2014/34/EU**



(3) **Certificate Number** TÜV 10 ATEX381435 X **issue:** 00

(4) for the product: Explosion proof camera  
type CH EX 260-(##)-#-##-M##-#-##m

(5) of the manufacturer: **WISKA Hoppmann GmbH**

(6) Address: Kisdorfer Weg 28  
24568 Kaltenkirchen  
Germany

Order number: 8000487566

Date of issue: 2019-01-28

- (7) The design of this product and any acceptable variation thereto are specified in the schedule to this EU-Type Examination Certificate and the documents therein referred to.

- (8) The TÜV NORD CERT GmbH, Notified Body No. 0044, in accordance with Article 17 of the Directive 2014/34/EU of the European Parliament and the Council of 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 the confidential ATEX Assessment Report No. 18 203 227726.

- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0:2012 + A11:2013 EN 60079-1:2014 EN 60079-31:2014**

except in respect of those requirements listed at item 18 of the schedule.

- (10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions for 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 equipment. These are not covered by this certificate.

- (12) The marking of the product shall include the following:



**II 2 G Ex db IIC T6 Gb**  
**II 2 D Ex tb IIIC T85°C Db**

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, notified by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the notified body

Roder

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This certificate may only be reproduced without any change, schedule included.  
Excerpts or changes shall be allowed by the TÜV NORD CERT GmbH

(13) **SCHEDULE**

(14) **EU-Type Examination Certificate No. TÜV 10 ATEX381435 X issue 00**

(15) Description of product

The explosion proof camera type CH EX 260-(##)-#-##-M##-#-##m consists of an enclosure in type of protection flameproof enclosure "db" or in type of protection by enclosure "tb" and an inserted camera module, an inserted suitable certified self-regulating heating cable and further electronic components. Both versions can be equipped optionally with windshield wiper mechanics. The enclosure consists of three main parts, a pipe and two covers which locks up the ends of the pipe. One cover is equipped with tapped holes for mounting cable entries or blind plugs. The other cover is equipped with a window and a tapped hole for the optional installation of a plug or the mechanic of a windshield wiper.

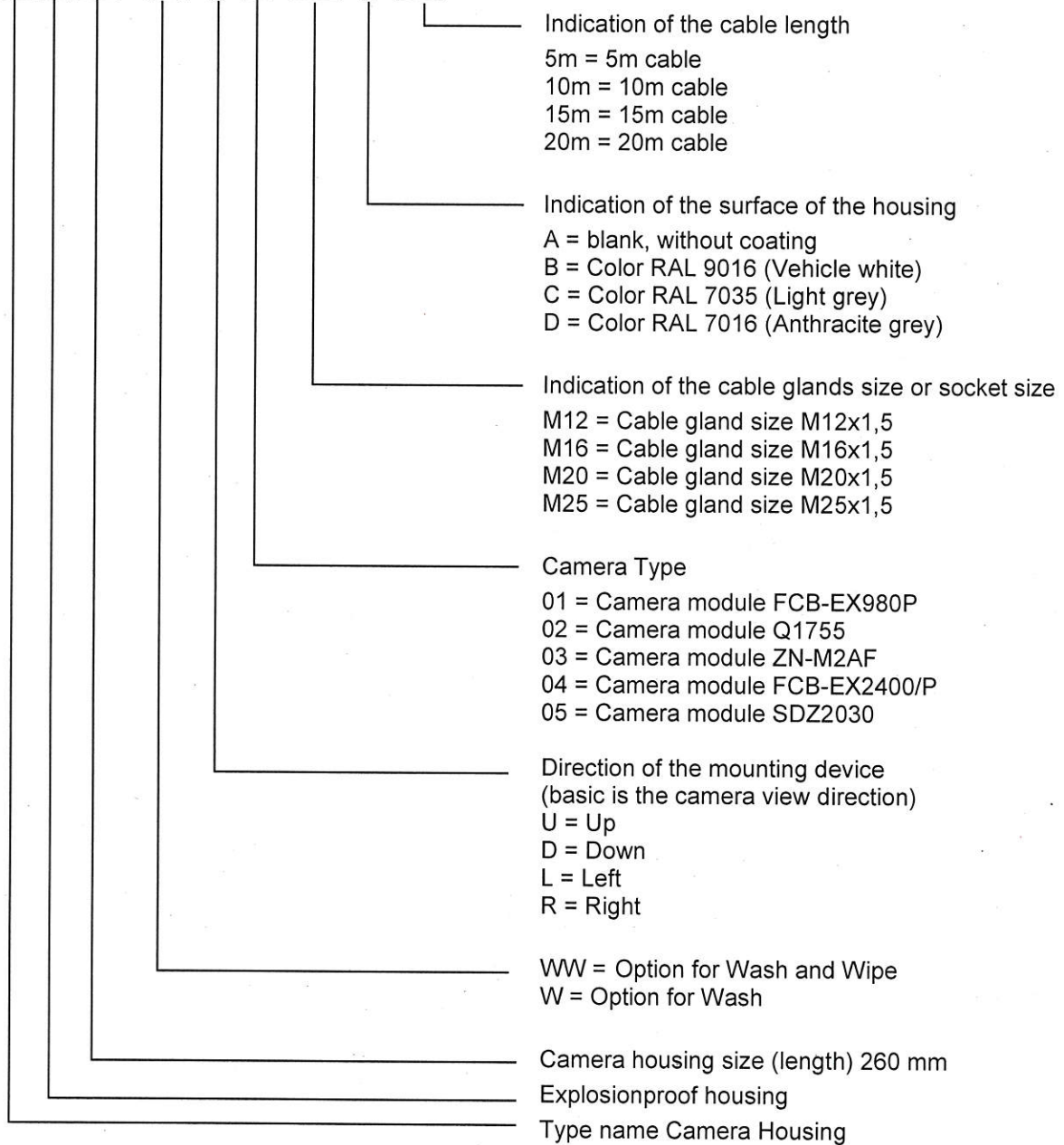
The enclosure without windshield wiper mechanic meets the requirements of ingress protection IP68 (2 bar (ü), 30 min) in accordance to EN 60529.

The connection of the camera is realized by a fixed cable.

Schedule to EU-Type Examination Certificate No. TÜV 10 ATEX381435 X issue 00

Type code:

CH EX 260 - (##) - # - ## - M## - # - ##m



Electrical data:

Max. inner power dissipation 15 W

Thermal data:

Ambient temperature range  $-30^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$

(16) Drawings and documents are listed in the ATEX Assessment Report No. 18 203 227726

**Schedule to EU-Type Examination Certificate No. TÜV 10 ATEX381435 X issue 00**

(17) Specific Conditions for Use

1. The screws for fixing the flameproof enclosure should only be replaced by original screws of the manufacturer (Strength A2-70).
2. The connection of the camera is realized by a fixed cable and must be changed by the manufacturer only.
3. The cable must be installed protected against pulling and twisting.
4. The end of the cable is to be installed in accordance to the valid requirements of erecting.
5. The cable must be connected either outside the hazardous area or within the hazardous area in an enclosure of a suitable type of explosion protection.
6. Some of the flameproof joints have widths that are bigger and gaps that are smaller than the values required in table 3 of EN 60079-1:2014 Information about the dimensions are to be obtained from the manufacturer.
7. For EPL Db: The explosion proof camera type CH EX 260-(##)-#-##-M##-#-##m has to be protected from prolific charge generating mechanisms.

(18) Essential Health and Safety Requirements

No additional ones

- End of Certificate -