

(1)

CERTIFICATE

(2) Equipment Intended for Use in
Potentially Explosive Atmospheres - **Directive 2014/34/EU**



(3) Certificate Number:

PF12CERT2895X

(4) Equipment: Inductive and capacitive proximity sensors of types:
FJ...N..., NBB...N..., NBN...N..., NCB...N..., NCN...N..., NJ...N..., PL...N...,
SC...N..., SJ...N...

(5) Manufacturer: **Pepperl+Fuchs SE**

(6) Address: Lilienthalstrasse 200
68307 Mannheim
Germany

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The manufacturer listed under item 5, herewith declares in sole responsibility that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive 2014/34/EU.

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

EN IEC 60079-0:2018 EN 60079-11:2012

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This CERTIFICATE relates only to the design and construction of the specified equipment. 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 equipment shall include the following:

 II 3G Ex ic IIC T6...T1 Gc

Mannheim, 25.09.2020

ppa. Wolfgang Helm
BU Director
Business Unit Sensors

i.V. Peter Junker
Norm expert
Innovation Unit Electromagnetic Sensors

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SCHEDULE

(14)

Certificate Number PF12CERT2895X

(15) Description of Equipment

The inductive and capacitive proximity sensors are used to convert mechanical displacements into electrical signals

Electrical data

For individual electrical data, reference is made to the instruction manual:

www.pepperl-fuchs.com

(16) Test report

The examination and test results are recorded in the confidential report: 16-1037PF-14

(17) Specific Conditions of Use

This certificate exclusively applies to proximity sensors which are linked to this certificate electronically:

www.pepperl-fuchs.com

The proximity sensors have to be operated according to the appropriate data in the instruction manual:

www.pepperl-fuchs.com

(18) Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.