

UKCA Declaration of Conformity

For the product described as follows

Product designation **Differential Pressure Gauge**
(with inductive contacts KE ## I ## 0C0H2)

Type designation **DA01 ... 1C**

is hereby declared to comply with the essential requirements, specified in the following UK regulations:

Statutory regulation No.	Description
2016 No. 1107	<i>The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016</i>
2016 No. 1091	<i>The Electromagnetic Compatibility Regulations 2016</i>
2022 No. 1647	<i>The Hazardous Substances and Packaging (Legislative Functions and Amendment) (EU Exit) Regulations 2020</i>
2021 No. 422	<i>The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (Amendment) Regulations 2021</i>

The products have been tested according to the following standards.

Explosive atmospheres (ATEX):

<i>BS EN IEC 60079-0:2018-07-09</i>	<i>Explosive atmospheres. Equipment. General requirements</i>
<i>BS EN 60079-31:2014-07-31</i>	<i>Explosive atmospheres. Equipment dust ignition protection by enclosure "t"</i>
<i>BS EN ISO 80079-36:2016-04-30</i>	<i>Explosive atmospheres. Non-electrical equipment for explosive atmospheres. Basic method and requirements</i>
<i>BS EN ISO 80079-37:2016-04-30</i>	<i>Explosive atmospheres. Non-electrical equipment for explosive atmospheres. Non electrical type of protection constructional safety "c", control of ignition source "b", liquid immersion "k"</i>

The built-in inductive proximity switches are EC type tested: **PTB 99 ATEX 2219 X**.

Electromagnetic compatibility (EMC):

<i>BS EN IEC 61000-6-2:2019-02-25</i>	<i>Electromagnetic compatibility (EMC). Generic standards. Immunity standard for industrial environments</i>
<i>BS EN IEC 61000-6-3:2021-03-30</i>	<i>Electromagnetic compatibility (EMC). Generic standards. Emission standard for equipment in residential environments</i>

Restriction of Hazardous Substances (RoHS):

<i>BS EN IEC 63000:2018-12-10</i>	<i>Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances</i>
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The documents are kept under file number **2812-012** at the notified body **NB-No. 2812**.

Element Materials Technology

Unit 1 Pendle Place
Skelmersdale, WN8 9PN, United Kingdom

The devices bear
the following marking:

**UK
CA** ⓧ II 2G Ex h IIC T4 Gb
 ⓧ II 2D Ex h IIIC T95°C Db



The sole responsibility for drawing up this declaration of conformity in relation to the fulfilment of the essential requirements and the preparation of the technical documentation lies with the manufacturer.

Manufacturer

FISCHER Mess- und Regeltechnik GmbH

Bielefelder Str. 37a
32107 Bad Salzuflen, Germany

Tel. +49 (0)5222 974 0



Bad Salzuflen
04 Okt 2021

G. Gödde
Managing director

