

UKCA Declaration of Conformity

For the product described as follows

Product designation **Digital differential pressure switch
/ transmitter with LCD display**

Type designation **DE45 ... R####** Zone 2
DE45 ... S#### Zone 22

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>
2021 No. 422	<i>The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (Amendment) Regulations 2021</i>
2022 No. 1647	<i>The Hazardous Substances and Packaging (Legislative Functions and Amendment) (EU Exit) Regulations 2020</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 IEC 60079-15:2019-05-03</i>	<i>Explosive atmospheres. Equipment protection by type of protection "n"</i>
<i>BS EN 60079-31:2014-07-31</i>	<i>Explosive atmospheres. Equipment dust ignition protection by enclosure "t"</i>

Electromagnetic compatibility (EMC):

<i>BS EN 61326-1:2013-02-28</i>	<i>Electrical equipment for measurement, control and laboratory use. EMC requirements. General requirements</i>
<i>BS EN 61326-2-3:2013-02-28</i>	<i>Electrical equipment for measurement, control and laboratory use. EMC requirements. Particular requirements. Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning.</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>
-----------------------------------	---

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 Salzufflen, Germany
Tel. +49 (0)5222 974 0

The devices bear the following marking: **UK**  II 3G Ex nA IIC T4 Gc Zone 2
CA  II 3D Ex tc IIIB T125 °C Gc Zone 22

Bad Salzufflen
16 May 2022


G. Gödde
Managing director

