

EU Declaration of Conformity

For the product described as follows

Product designation **Differential pressure measuring
and switching device**

Type designation **DS21 ... H**

it is hereby declared that it corresponds with the basic requirements
specified in the following designated directives:

2014/35/EU	Low Voltage Directive
2014/34/EU	ATEX Directive
2014/68/EU	Pressure Equipment Directive
2011/65/EU	RoHS Directive
(EU) 2015/863	Delegated Directive amending Annex II to Directive 2011/65/EU

The products were tested in compliance with the following standards.

DIN EN 61010-1:2020-03 EN 61010-1:2010 + A1:2019 + A1:2019/ AC:2019	Low Voltage Directive (LVD) Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements
DIN EN IEC 60079-0:2019-09 EN IEC 60079-0:2018 Correction1 IEC 60079-0:2017/COR1:2020	Explosive atmospheres (ATEX) Explosive atmospheres - Part 0: Equipment - General requirements
DIN EN 60079-11:2012-06 EN 60079-11:2012	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
DIN EN 60079-31:2014-12 EN 60079-31:2014	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
DIN EN 13463-1:2009-07 EN 13463-1:2009	Non-electrical equipment for use in potentially explosive atmospheres - Part 1: Basic method and requirements
DIN EN 13463-5:2011-10 EN 13463-5:2011	Non-electrical equipment intended for use in potentially explosive atmospheres - Part 5: Pro- tection by constructional safety 'c'
TÜV 06 ATEX 2964	The notified body TÜV NORD CERT GmbH NB 0044 has issued the following certificates according to Directive 94/9/EC: EC type examination certificate
DIN EN 837-1:1997-02 EN 837-1:1996	Pressure Equipment Directive (PED) Pressure gauges - Part 1: Bourdon tube pressure gauges; dimensions, metrology, require- ments and testing
DIN EN 13445-1:2015-12 EN 13445-1:2014	Unfired pressure vessels - Part 1: General
0045/202/1403/Z/01262/22/D/001(00) 0045/202/1404/Z/00289/21/D/001(01)	Pressure accessory category IV The notified body for QA surveillance TÜV NORD SYSTEMS GmbH & Co. KG NB 0045 has issued the following certificates in accordance with Directive 2014/68/EU: EU type-examination certificate (type) - module B Conformity to type based on quality assurance of the production process - Module D/D1
DIN EN IEC 63000:2019-05 EN IEC 63000:2018	RoHS Directive (RoHS3) Technical documentation for the assessment of electrical and electronic products with re- spect to the restriction of hazardous substances



Further applied technical specifications (not published in the Official Journal of the European Union):

DIN 4754-2:2015-03 Vd-TÜV Leaflet	<i>Heat transfer installations working with organic heat transfer fluids - Part 2: Draught diverter Flow 100</i>
DIN EN 12952-11:2007-09 EN 12952-11:2007	<i>Water-tube boilers and auxiliary installations - Part 11: Requirements for limiting devices of the boiler and accessories</i>
DIN EN 12953-9:2007-09 EN 12953-9:2007	<i>Shell boilers - Part 9: Requirements for limiting devices of the boiler and accessories</i>
DIN EN 61508:2011 EN 61508:2010	<i>Functional safety of electrical/electronic/programmable electronic safety-related systems - Parts 1-7</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.

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The devices bear the following marking:

CE 0044

Zone 1 and 2  II 2G Ex ib c IIC T6 Gb
Zone 21 and 22  II 2D Ex tb c IIIC T70 °C Db



Bad Salzufflen
16 Jan 2023

T. Malischewski
General Manager R&D

