

# EU Declaration of Conformity



Original

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## Declaration:

We hereby certify that the hereafter described components both in their basic design and construction conform to the applicable European Directives.

## Name of the component:

## Marking:

EX-I-BS655<sup>1)</sup>  II 2G Ex ia IIC T6 Gb  
 II 2D Ex ia IIIC T85°C Db  
 II 2D Ex tb IIIC T85°C Db  
EX-BS655<sup>2)</sup>  II 2G Ex db eb IIC T6 Gb  
 II 2D Ex tb IIIC T85°C Db  
 II 2G Ex ia IIC T6 Gb  
 II 2D Ex ia IIIC T85°C Db  
EX-BS655-...-DN-2D<sup>3)</sup>, EX-BS655-...-DS-2D<sup>3)</sup>  II 2D Ex tb IIIC T85°C Db

## Type:

See ordering code

## Component description:

Position, level, belt misalignment switches,  
<sup>3)</sup> optionally with Dupline<sup>®</sup> or DuplineSafe<sup>®</sup> input module

## Relevant Directives:

|                                       |            |
|---------------------------------------|------------|
| Machinery Directive                   | 2006/42/EC |
| Explosion Protection Directive (ATEX) | 2014/34/EU |
| <sup>3)</sup> EMC Directive           | 2014/30/EU |
| RoHS Directive                        | 2011/65/EU |

## Applied standards:

EN 60947-5-1:2017 + AC:2020, EN ISO 13849-1:2015  
<sup>1)</sup> EN IEC 60079-0:2018, EN 60079-11:2012, EN 60079-31:2014  
<sup>2)</sup> EN IEC 60079-0:2018, EN 60079-1:2014, EN IEC 60079-7:2015 + A1:2018, EN 60079-11:2012, EN 60079-31:2014  
<sup>3)</sup> EN IEC 60079-0:2018, EN 60079-31:2014

**Notified body, which approved the full quality assurance system, referred to Appendix IV, 2014/34/EU and for the ATEX certification:**

TÜV Rheinland Industrie Service GmbH  
Am Grauen Stein, 51105 Köln  
ID n°: 0035

## EU-Type Examination Certificate:

TÜV 19 ATEX 8428

This certificate refers only to the certification of the products in accordance with the Explosion Protection Directive 2014/34/EU (ATEX). Product conformity in accordance with the Machinery Directive 2006/42/EC is declared by the manufacturer under its own responsibility.

**Person authorised for the compilation of the technical documentation:**

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**Place and date of issue:**

Shanghai, June 28, 2023

A handwritten signature in black ink, reading "Michele Seassaro". The signature is fluid and cursive, with the first name "Michele" and the last name "Seassaro" clearly distinguishable.

Authorised signature  
**Michele Seassaro**  
Managing Director