

EU Declaration of Conformity



Original

SCHMERSAL
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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 ¹⁾ | 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 ²⁾ | 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 ³⁾ , EX-BS655-....-DS-2D ³⁾ | II 2D Ex tb IIIC T85°C Db |

Type:

See ordering code

Component description:

Position, level, belt misalignment switches,
³⁾ optionally with Dupline[®] or DuplineSafe[®] input module

Relevant Directives:

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

Applied standards:

EN 60947-5-1:2017 + AC:2020, EN ISO 13849-1:2015
¹⁾ EN IEC 60079-0:2018, EN 60079-11:2012, EN 60079-31:2014
²⁾ EN IEC 60079-0:2018, EN 60079-1:2014, EN IEC 60079-7:2015 + A1:2018, EN 60079-11:2012, EN 60079-31:2014
³⁾ 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 written in a cursive style with a large, sweeping flourish at the end.

Authorised signature
Michele Seassaro
Managing Director