

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:

Oliver Wacker
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42279 Wuppertal

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