

EU Declaration of Conformity



Original

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Germany
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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:

EX-BNS 33

EX-BPS 33

Type:

See ordering code

Marking:



II 3G Ex nC IIC T6 Gc X
II 3D Ex tc IIIC T80°C Dc X



II 3G Ex h IIC T6 Gc
II 3D Ex h IIIC T80°C Dc

Description of the component:

Coded safety-sensor with magnetic operating principle in combination with the SRB(-E) / PROTECT-SELECT / PSC1 safety-monitoring modules from Schmersal or an equivalent safety-oriented control system fulfilling the requirements of the EN 60947-5-3.

Relevant Directives:

Machinery Directive

2006/42/EC

Explosion Protection Directive (ATEX)

2014/34/EU

RoHS-Directive

2011/65/EU

Applied standards:

EN 60947-5-3:2013
EN IEC 60079-0:2018
EN IEC 60079-15:2019
EN 60079-31:2014
EN ISO 80079-36:2016
EN ISO 80079-37:2016

Notified body, which approved the full quality assurance system, referred to Appendix IV, 2014/34/EU:

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

Person authorised for the compilation of the technical documentation:

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Conformity with the explosion protection directive 2014/34/EU (ATEX) is declared by the manufacturer without involving a test center.

Place and date of issue:

Wuppertal, March 13, 2023



Authorised signature
Philip Schmersal
Managing Director