

# 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:**

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:**

Oliver Wacker  
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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

A handwritten signature in black ink, appearing to read 'Schmersal', written in a cursive style.

Authorised signature  
**Philip Schmersal**  
Managing Director