

# EU Declaration of Conformity



Original

K.A. Schmersal GmbH & Co. KG  
Möddinghofe 30  
42279 Wuppertal  
Germany  
Internet: www.schmersal.com

**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  
Möddinghofe 30  
42279 Wuppertal

**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', is centered at the top of the page.

Authorised signature  
**Philip Schmersal**  
Managing Director