

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

Authorised signature
Philip Schmersal
Managing Director