EU Declaration of Conformity



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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 40S EX-BPS 40S

 $\langle \xi_{x} \rangle$ II 3G Ex ec nC IIC T6 Gc $\langle \xi_{x} \rangle$ II 2G Ex h IIC T6 Gb

 $\langle \xi_{\rm X} \rangle$ II 3D Ex tc IIIC T80°C Dc $\langle \xi_{\rm X} \rangle$ II 2D Ex h IIIC T80°C Db

Type: See ordering code

Description of the component:Coded safety-sensor with magnetic operating principle in combination with the AES

/ SRB 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 60079-7:2015 EN IEC 60079-15:2019 EN 60079-31:2014 EN ISO 80079-36:2016 EN ISO 80079-37:2016

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, February 27, 2023

Amund

Authorised signature
Philip Schmersal
Managing Director