

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 40S

EX-BPS 40S



II 3G Ex ec nC IIC T6 Gc



II 2G Ex h IIC T6 Gb



II 3D Ex tc IIIC T80° C Dc



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

Authorised signature
Philip Schmersal
Managing Director