

# UK Declaration of Conformity



|                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------|-------------------------------------------|------|----------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------|------|
| <b>Company:</b>                                                                                               | K.A. Schmersal GmbH & Co. KG<br>Möddinghofe 30<br>42279 Wuppertal<br>Germany<br>Internet: <a href="http://www.schmersal.com">www.schmersal.com</a>                                                                                                                                                                                                                                                                                          |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |
| <b>Declaration:</b>                                                                                           | We hereby, under sole responsibility, certify that the hereafter described components both in their basic design and construction conform to the relevant statutory requirements, regulations and designated standards of the United Kingdom.                                                                                                                                                                                               |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |
| <b>Name of the component:</b>                                                                                 | EX-RSS16-...-3GD                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |
| <b>Type:</b>                                                                                                  | See ordering code                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |
| <b>Marking:</b>                                                                                               |  II 3G Ex ec IIC T6 Gc<br> II 3D Ex tc IIIC T 90 °C Dc                                                                                                                                                                                                                    |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |
| <b>Description of the component:</b>                                                                          | Non-contact safety sensor                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |
| <b>Relevant legislation:</b>                                                                                  | <table><tr><td>Supply of Machinery (Safety) Regulations</td><td>2008</td></tr><tr><td>Electromagnetic Compatibility Regulations</td><td>2016</td></tr><tr><td>Equipment and Protective Systems intended for use in Potentially Explosive Atmospheres Regulations</td><td>2016</td></tr><tr><td>The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations</td><td>2012</td></tr></table> | Supply of Machinery (Safety) Regulations | 2008 | Electromagnetic Compatibility Regulations | 2016 | Equipment and Protective Systems intended for use in Potentially Explosive Atmospheres Regulations | 2016 | The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations | 2012 |
| Supply of Machinery (Safety) Regulations                                                                      | 2008                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |
| Electromagnetic Compatibility Regulations                                                                     | 2016                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |
| Equipment and Protective Systems intended for use in Potentially Explosive Atmospheres Regulations            | 2016                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |
| The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations | 2012                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |
| <b>Designated standards:</b>                                                                                  | EN 60947-5-3:2013,<br>EN 300 330 V2.1.1:2017,<br>EN ISO 14119:2013,<br>EN ISO 13849-1:2015,<br>IEC 61508 parts 1-7:2010,<br>EN IEC 60079-0:2018,<br>EN IEC 60079-7:2015 + A1:2018,<br>EN 60079-31:2014                                                                                                                                                                                                                                      |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |
| <b>Approved body for Type Examination:</b>                                                                    | TÜV Rheinland UK Ltd.<br>1011 Stratford Road<br>Solihull, B90 4BN<br>ID: 2571                                                                                                                                                                                                                                                                                                                                                               |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |
| <b>Type examination certificate:</b>                                                                          | 01/205U/5412.00/22                                                                                                                                                                                                                                                                                                                                                                                                                          |                                          |      |                                           |      |                                                                                                    |      |                                                                                                               |      |

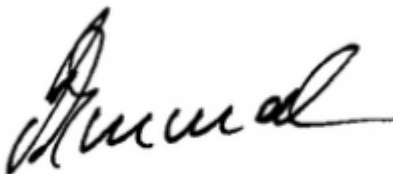
**Conformity with SI 2016/1107 (Equipment and Protective Systems intended for use in Potentially Explosive Atmospheres Regulations) is declared by the manufacturer without involving a conformity assessment center.**

**UK-Importer /  
Person authorised for the compilation of the  
technical documentation:**

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**Place and date of issue:**

Wuppertal, November 17, 2022

A handwritten signature in black ink, appearing to read 'Schmersal', is centered on the page.

Authorised signature  
**Philip Schmersal**  
Managing Director