




# EC-Declaration of Conformity

**Dokument-No.:** QM-0-419-B  
**Manufacturer:** igus® GmbH, Spicher Str. 1a, 51147 Köln  
**Name of Product::** igus® ESD e-chain®  
**Description of product:** ESD e-chain® (non-electric construction units) used for dynamic guidance conductors such as lines and hoses with defined bending radii and travel parameters.

The conformity rating was performed on the basis of ATEX Directive 94/9/EC according to Art No. 8 (1) b) ii).

The corresponding documents are filed at the following institute in compliance with ATEX Directive:

**Physikalisch-Technische Bundesanstalt Braunschweig und Berlin**  
**Bundesallee 100**  
**38116 Braunschweig, Germany**

Investigations required after classification  II 2 GD in accordance with the standards and regulations listed below were conducted and verified by the PTB:  
Cenelec TR 50404:2003 (previously: DIN 53482/VDE0303 Teil 3, verified by the PTB)  
TRBS 2153

**Marking:**

 II 2 GD

Special color of the ESD e-chain®: grey (similar to RAL 7015)

The Declaration of Conformity refers only to the conception and manufacture of the devices described above according to ATEX Directive 94/9/EC in compliance with the Harmonized Standard DIN EN 13463 - 1 (2009).

The related Operating Instructions contain important safety instructions for positioning and commissioning of igus® ESD e-chains® according to ATEX Directive.

We hereby declare that the igus® ESD e-chains® fulfil the requirements of the Directive specified above.

igus®, Colonge, 06 January 2012

Chief Executive Officer