

# Konformitätsbescheinigung Attestation of Conformity

SAFETY  
NONSTOP



We

HIMA Paul Hildebrandt GmbH  
Albert-Bassermann-Straße 28  
68782 Brühl, Germany

declare under our sole responsibility that the following products

## **HIMatrix**

Safety-related programmable electronic systems  
Remote I/O

F35 03, F35 01  
F3 AIO 8/4 01

based on the following EU harmonized standards

**EN 50271:2010**

**EN 50495:2010**

**EN 60079-0:2012 + A11:2013**

**EN 60079-29-1:2008**

are in conformity with the applicable essential requirements of Directive 2014/34/EU and are certified by

TÜV Rheinland Industrie Service GmbH (ID 0035), Am Grauen Stein, 51105 Köln, Germany  
*EU Type-Examination Certificate No.: **TÜV 13 ATEX 7380 U***

### Characteristics and restrictions

These controllers are safety devices, controlling devices and regulating devices in accordance with the ATEX Directive. Used as additional equipment, they are suitable for monitoring ignition hazards in potentially explosive atmospheres or used as stationary gas warning units, they are suitable for detecting and measuring flammable gases.

- Related to device hardware and software, these products are tested for compliance with the requirements of EN 60079-29-1 and EN 50271.
- Gas sensors meeting the requirements of EN 60079-29-1 are connected to the 4-20mA signal inputs. The gas sensors must be interfaced to the HIMatrix system in compliance with the documentation and the EU type-examination certificate.
- The safety-relevant user program for HIMatrix must be created using the SILworX programming tool and taking the safety manual into account.
- Verification and validation must prove its safe operation.

During a further conformity assessment procedure, the safety facility or gas warning unit to be manufactured as well as the associated safety information and operating instructions specified in Annex II (1.0.6), shall be included in a complete EU-type examination certificate by a notified body taking the above points into account.

Brühl, 2016-05-04

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