Attestation of Conformity

We

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

declare under our sole responsibility that the following products

HIMax

Safety-related programmable electronic system	X-BASE PLATE, X-SB 01, X-CPU 01, X-CPU 31
I/O-modules	X-AI 32 01, X-AI 32 02, X-DO 24 01, X-DO 32 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. Certified by

TÜV Rheinland Industrie Service GmbH (ID 0035), Am Grauen Stein, 51105 Köln, Germany
EU Type-Examination Certificate No.: TÜV 15 ATEX 7683 U

Characteristics and restrictions:
These controllers are safety devices, controlling devices and regulating devices in accordance with ATEX Directive. They are suitable for monitoring ignition hazards in potentially explosive atmospheres as associated apparatus or as stationary gas detection systems 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.
- If gas sensors are connected to the 4…20 mA signal inputs, these sensors must meet the requirements of EN 60079-29-1.
- The gas sensors must be wired to the HIMax system in compliance with the documentation and the EU type-examination certificate.
- The safety-relevant user program for HIMax must be created using the SILworX programming tool and taking the safety manual into account.
- The safety function must be proved by verification and validation.

The safety facility to be assembled or the gas warning system with associated safety information and operating instructions according to ATEX Directive 2014/34/EU in Annex II paragraph 1.0.6 has to be transferred into a complete EU Type-Examination certificate in additional conformity assessment procedure by a notified body under consideration of the above-mentioned points.

Brühl, 2016-05-11

Dr. Alexander Horch
Vice President Development

Jürgen Hölzel
Head of Development Quality Assurance