

# Certificate of Compliance

## Element / Product / Subsystem

**Holder:** Siemens AG, Karlsruhe, Germany

**Compliant item:** Pointek CLS200

**Intended application:** Level switch for the process industry

**Basis of testing:** IEC 61508:2010  
IEC 61511:2003

**Assessment include(s):** ☐ Management of function safety  
☒ Hardware requirements  
☒ Reliability requirements (proven in use)  
☐ Software requirements (not applicable)  
☒ Basic safety  
☒ User documentation

**Functional safety data:**

Safety function: See report  
Route: 2<sub>H</sub>  
Mode: Low demand / Demand mode  
Type: A  
Failure rates (FIT): SD=0, SU=202, DD=92, DU=160  
Safe failure fraction: 65%  
HFT: 0  
Fit for use in Safety Integrity Level: SIL 2  
Fit for use in Spurious Trip Level®: STL 4

**Results:**

Risknowlogy certifies that the above compliant item meets the requirements of the basis of testing for the selected assessment. The Risknowlogy report 100.210.1 is an integral part of this certificate.

**Certificate number:** 100.210.2

**Issue date:** 2015-02-26

**Expiry date:** Not applicable



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dr.ir. Michel Houtermans  
**Certifier**

