



The manufacturer  
may use the mark:



Revision 1.1 July 30, 2021  
Surveillance Audit Due  
August 1, 2024



# Certificate / Certificat Zertifikat / 合格証

KRO 2101004 C002

*exida* hereby confirms that the:

**OPTISONIC 3400 & OPTISONIC 4400 HT  
with UFC 400 (4 – 20 mA Output)**

**KROHNE Altometer  
Netherlands**

Has been assessed per the relevant requirements of:

**IEC 61508 : 2010 Parts 1-7**

and meets requirements providing a level of integrity to:

**Systematic Capability: SC 3 (SIL 3 Capable)**

**Random Capability: Type B Element**

**SIL 2 @ HFT=0; SIL 3 @ HFT = 1; Route 2<sub>H</sub>  
PFH/PFD<sub>avg</sub> and Architecture Constraints  
must be verified for each application**

**Safety Function:**

The OPTISONIC 3400 and OPTISONIC 4400 HT with UFC 400, 4 – 20 mA output will measure flow within the stated safety accuracy.

**Application Restrictions:**

The unit must be properly designed into a Safety Instrumented Function per the Safety Manual requirements.



Evaluating Assessor

Certifying Assessor