Letter of Attestation

Rethink Robotics, Inc.
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Boston, MA 02210

June 15, 2017

This letter serves to show that the Rethink Robotics, Inc. robot, model No. Sawyer has been investigated to determine the structure category and performance level for compliance with EN ISO 10218-1 (ANSI/RIA R15.06).

Note that the standards require a design of PL=d with structure category 3 as described in ISO 13849-1:2006.

The following circuit below was analyzed:

As a result of the investigation, the safety controller circuit provided can meet PLd Cat. 3 if a proper protective stop or E-Stop input device is used and implemented in accordance with EN ISO 13849. Both the logic and output devices of this circuit meet the requirements (The E-stop provided with Sawyer meets this requirement for a full circuit).

Test Engineer:

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