



Product Service

# CERTIFICATE

No. Z10 116233 0004 Rev. 00

**Holder of Certificate:** Agile Robots AG  
Staffelseestr. 8  
81477 München  
GERMANY

**Certification Mark:**



**Product:** Robot system  
Safe robot control for industrial use

**Model(s):** Yu 5 Industrial

**Parameters:**

<b>Safe Position Monitoring Functions:</b> <ul style="list-style-type: none"><li>- Safe Limited Drive Position</li><li>- Safe Limited Cartesian Position</li><li>- Safe Limited Cartesian Orientation</li></ul>	<b>Safe Speed Monitoring Functions:</b> <ul style="list-style-type: none"><li>- Safe Limited Drive Speed</li><li>- Safe Limited Cartesian Speed</li></ul>
<b>Safe Torque and Power Monitoring Functions:</b> <ul style="list-style-type: none"><li>- Safe Limited Drive Torque</li><li>- Safe Limited Robot Power</li><li>- Safe Limited Cartesian Force</li></ul>	<b>Safe Torque and Power Monitoring Functions:</b> <ul style="list-style-type: none"><li>- Safe Limited Drive Torque</li><li>- Safe Limited Robot Power</li><li>- Safe Limited Cartesian Force</li></ul>
<b>Evaluation of Inputs:</b> <ul style="list-style-type: none"><li>- Emergency Stop</li><li>- Enabling Device</li><li>- Operating Mode Selection</li><li>- Configurable Safety Inputs</li></ul>	<b>Execution of Outputs:</b> <ul style="list-style-type: none"><li>- Configurable Safety Outputs</li></ul>

**Tested according to:** EN ISO 10218-1:2011  
IEC 61508-1:2010 (SIL 2)  
IEC 61508-2:2010 (SIL 2)  
IEC 61508-3:2010 (SIL 2)  
EN ISO 13849-1:2015 (Cat 3, PI d)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** AM101977T  
**Valid until:** 2029-01-31

**Date,** 2024-02-01

( Christian Dirmeier )