

# CERTIFICATE OF COMPLIANCE



**EL Class I**

**Date of issue: 15 May 2025**

**Valid until: 31 December 2026**

*EHEDG hereby declares that the product*

***Level Sensor, 2 1/2" FR-LS20 (L) with Ferrule mounting bracket OP-89245, PTFE Lens and EPDM O-ring OP-88920***

*from*

***Keyence Corporation, 1-3-14, Higashinakajima, Higashiyodogawa-ku , 533-8555 Osaka, Japan***

*has/have been evaluated for compliance and meets/meet the current criteria for Hygienic Equipment Design of closed process applications of the EHEDG*

***Certificate No. EHEDG-C2500019***

Signed  President EHEDG  
Hein Timmerman

Signed  EHEDG Certification Officer  
Karlijn Faber

***EHEDG  
Karspeldreef 8  
1101 CJ Amsterdam  
Netherlands***

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## APPENDIX 3

### EHEDG Certification – Equipment Evaluation Form

Design Evaluation Date: 14.05.2025

EHEDG File Number: EHEDG-R2500019

Certification Type: EL CLASS I

Applicant: Keyence Corporation

Equipment: Level Sensor, 2 1/2" FR-LS20(L) with Ferrule mounting bracket OP-89245 and EPDM O-ring OP-88920

Other essential identification: FR-LS20 is the standard model, FR-LS20L is the low wireless power model for avoiding wireless wave interference

**Evaluated by:**

Name: Kiichiro Saito

Date, Signature: 14.05.2025

**Approved by:**

Name:

Date, Signature: 14.05.2025

The use of the EHEDG Certification logo is justified based on the results of the design evaluation, inspection, and testing (as applicable) of the equipment for compliance with the current EHEDG Hygienic Design Criteria (HDC):

Criteria	Certification for <b>use in Closed Processes</b>
<input type="checkbox"/>	The equipment complies with all applicable HDC in the Guidelines.
<input checked="" type="checkbox"/>	Evidence for compliance required and provided by in-place cleanability test method according to EHEDG Doc. 2.
<input type="checkbox"/>	Evidence for compliance required and provided by in-place cleanability test method according to EHEDG Doc. 2, in-place sterilisability test method according to EHEDG Doc. 5, and bacteria tightness test according to EHEDG Doc. 7 for <b>EL ASEPTIC</b> Certification.
Criteria	Certification for <b>use in Open Processes</b>
<input type="checkbox"/>	The equipment complies with all applicable HDC in the Guidelines.
<input type="checkbox"/>	Evidence for compliance required and provided by OPC cleanability test method according to EHEDG Doc. 57.

## APPENDIX 3

No.	Description
1.	EHEDG Certificate of Compliance
2.	Contract to use the EHEDG Certification Logo for equipment
3.	Appendix 1: Equipment intended for cleaning in-place with liquids without dismantling
4.	Appendix 2: Conditions for use of the EHEDG Certification Logo
5.	Appendix 3: Equipment Evaluation Form
6.	EHEDG Hygienic Design Criteria Evaluation Report of the Level Sensor, 2 1/2" FR-LS20(L) with Ferrule mounting bracket OP-89245 and EPDM O-ring OP-88920, no. 001JFRL2025
7.	Drawings of the Level Sensor, 2 1/2" FR-LS20(L) with Ferrule mounting bracket OP-89245 and EPDM O-ring OP-88920, drawing nos. 1754FAE001, 1754KMBM001, 1754FAM002 and 1754LFM001; original stamped
8.	Test reports of the in-place cleanability test method according to Doc. 2, Test no. 24103552001-0201
9.	Installation and cleaning instructions
10.	Example of EHEDG Certified Logo Type EL CLASS I