

## VERIFICATION OF COMPLIANCE

Verification No.: KSEM230400092901V03ATC  
Applicant: Tianjin Elco Automation Co.,Ltd  
Address of Applicant: No.12, 4th XEDA Branch Rd, Xiqing Economic-Technological Development Area, Tianjin P.R.China  
Manufacturer: Tianjin Elco Automation Co.,Ltd  
Address of Manufacturer: No.12, 4th XEDA Branch Rd, Xiqing Economic-Technological Development Area, Tianjin P.R.China  
Product Description: Cylindrical inductive sensor  
Model No.: FI8-G18-OP6L,G/H/M Series  
Test Standards: EN IEC 60947-5-2: 2020 Clause 8.2.6  
Test Report Number(s): KSEM230400092901V02

This Verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of Compliance Certification Services (Kunshan) Inc. on the sample of the above-mentioned product in accordance with the provisions of the relevant specific standards under Directive 2014/30/EU. The CE mark can be used, under the responsibility of the manufacturer, after completion of an EU Declaration of Conformity and compliance with all relevant EU Directives.

This verification supersedes our previous verification KSEM230400092901V02ATC, issued on 2024-04-19, which is hereby deemed null and void.



Terry Hou  
Technical Manager

Compliance Certification Services (Kunshan) Inc.



Date: 2024-06-11

This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Compliance Certification Services (Kunshan) Inc.  
No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China  
[www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
Member of the SGS Group (SGS SA)

## VERIFICATION OF COMPLIANCE

Attachment to Verification No.: KSEM230400092901V03ATC

Series Model:

□□□□ — □□□□ — □□□□ — □ — □ / □

|  |  |  |   |
|--|--|--|---|
| <b>Special Functions</b><br>Null: Standard<br>A: Magnetic Field Immune<br>D: High Pressure<br>H: Wide Temperature<br>XA: Welding Resistance<br><br><b>Rating Operating Distance Sn</b><br>0.8mm, 1mm, 1.5mm, 2mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 15mm, 16mm, 20mm, 22mm, 30mm<br><br><b>Principle</b><br>i: Inductive Sensors<br><br><b>Mounting</b><br>F: Flush<br>N: Non-flush | <b>Additional Information</b><br>Null:<br>Standard Length<br>E: Long Version<br>S: Short Version<br>SS: Ultra-short Version<br><br><b>Size</b><br>03: M3<br>04: M4<br>05: M5<br>6.5: M6.5<br>08: M8<br>12: M12<br>14: M14<br>18: M18<br>30: M30<br><br><b>Specifications</b><br>Null: Non-special<br>G: Thread Barrel<br>H: Smooth Barrel<br>M: Partly Thread Barrel<br><br><b>Housing Material</b><br>Null: Brass Nickel-plate<br>K: Stainless Steel<br>Z: Stainless Steel (Impact resistant)<br>T: Teflon-coated<br>A: All-metal | <b>Function Display</b><br>L: LED<br>Null: No LED<br><br><b>Voltage Range</b><br>6: 10--30VDC<br>9: 10--60VDC<br>3: 20--250 VAC<br>41: 20--250 VAC<br>20--250VDC<br><br><b>Output Type</b><br>N: NPN<br>P: PNP<br>A: AC/DC<br>D: Two-wire DC<br>SA: AC<br><br><b>Output Function</b><br>B: NO+NC<br>C: NC<br>O: NO<br>V: NO or NC<br>LIU: Analog output (current + voltage)<br>NE: NAMUR | <b>Special Function</b><br>Null: Non-special Function: A combination of letters or numbers<br><br><b>Connection</b><br>Null: Cable 2m<br>Q: Screw terminal<br>Q8: M8*1<br>Q12: M12*1<br><br><b>Cable length</b><br>Null: Cable 2m<br>*: *Represents the number of meters, UP TO 20M |
|--|--|--|---|



Terry Hou  
Technical Manager

Compliance Certification Services (Kunshan) Inc.

Date: 2024-06-11



This document is issued by the Company under its General Conditions of Service accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Compliance Certification Services (Kunshan) Inc.  
No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China  
[www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
Member of the SGS Group (SGS SA)