

VERIFICATION OF COMPLIANCE

Verification No.: KSEM241100307001ATC

Applicant: Tianjin Elco Automation Co., Ltd

Address of Applicant: No.12, 4th XEDA Branch Rd, Xiqing Economic-Technological Development Area, Tianjin P.R.China, Tianjin, 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, Tianjin, China

Product Description: Incremental Encoder

Model No.: EC50P12-C4TAR-1024/EC50P12-L5TAR-1024;
EI/EB/EC/ESY/ED/EV/EX/EBB/REI/ET/ECT/ETH/HV/EXIST/EXIAL/ESS Series

Test Standards: EN IEC 61000-6-2: 2019
EN IEC 61000-6-4: 2019

Test Report Number(s): KSEM241100307001

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.



Terry Hou
Technical Manager

Compliance Certification Services (Kunshan) Inc.



Date: 2025-04-09

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No.10 Weiye Road, Development Zone, Kunshan, Jiangsu, China
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Attachment to Verification No.: KSEM241100307001ATC

Model difference:

<p>Shaft/ shaft sleeve diameter</p> <p>Shaft diameter</p> <p>4= Φ4g6mm</p> <p>5= Φ5g6mm</p> <p>6= Φ6g6mm</p> <p>8= Φ8g6mm</p> <p>9= Φ9.52mm</p> <p>10= Φ10g6mm</p> <p>12= Φ12g6mm</p> <p>15= Φ15g6mm</p> <p>11= Φ11x30mm</p> <p>Axis aperture</p> <p>6= Φ6H7mm</p> <p>10= Φ10H7mm</p> <p>15= Φ15H7mm</p> <p>19= Φ19H7mm</p> <p>24= Φ24H7mm</p> <p>28= Φ28H7mm</p> <p>35= Φ35H7mm</p> <p>40= Φ40H7mm</p> <p>45= Φ45H7mm</p> <p>55= Φ55H7mm</p> <p>65= Φ65H7mm</p> <p>75= Φ75H7mm</p> <p>9T=9mm 1:10 conicity</p> <p>13T= Φ13.4mm 1:10 conicity</p> <p>16= Φ16 1:10 conicity</p> <p>17= Φ17 1:10 conicity</p> <p>20= Φ20 1:10 conicity</p> <p>Flange type</p> <p>A= Circular flange</p> <p>B= Synchronous flange</p> <p>C= Clamping flange</p> <p>D= Φ63.5square flange, Φ31.75</p> <p>M= Φ63.5square flange, Φ50h7</p> <p>P=With single-wing fixing plate / Hollow shaft, three claw spring plates / Hollow shaft, with double-wing fixing plate/ Blind hole shaft sleeve, With single-wing fixing plate / Hollow shaft, With single-wing fixing plate / Shaft sleeve without accessories</p> <p>H= Long fastening arm</p> <p>F= Blind hole shaft sleeve, with double-wing fixing plate</p> <p>W=Hollow shaft, with Φ63double-wing fixing plate</p> <p>V= Elastic fixed connector</p> <p>S= Equipped with three claw spring plates</p> <p>N= Hollow shaft, with Φ60 double-wing fixing plate</p> <p>K= Long torque support slot</p> <p>R= Universal torque arm</p> <p>Q= Short torque support slot</p> <p>G= Short torque support slot</p> <p>Main body size</p> <p>28=Φ28 88=Φ88</p> <p>35=Φ35 90=Φ90</p> <p>38=Φ38 100=Φ100</p> <p>40=Φ40 115=Φ115</p> <p>48=Φ48 120=Φ120</p> <p>50=Φ50 130=Φ130</p> <p>58=Φ58 150=Φ150</p> <p>80=Φ80 200=Φ200</p>	<p>Special identification</p> <p>Blank: Non explosion proof products</p> <p>I= Explosion proof incremental products</p> <p>Special structural identification</p> <p>Blank: Conventional structure</p> <p>K: Cut shaft, shaft or sleeve with keyway</p> <p>B: Optic axis</p> <p>Q: Shaft belt keyway</p> <p>R: Protection level IP67</p> <p>Z: Heavy duty blind hole straight shaft</p> <p>Special outgoing line identification</p> <p>Blank: Conventional type</p> <p>T= Tangential output</p> <p>Special Form</p> <p>Blank: Standard</p> <p>XXXXXX: Special code</p> <p>Optional functions</p> <p>Blank: No optional features available</p> <p>M5: M12, 5-pin plug</p> <p>M8: M12, 8-pin plug</p> <p>T: M23, 12-pin plug</p> <p>TP: Tangential output</p> <p>Resolution</p> <p>1-10000</p> <p>Outlets direction</p> <p>A= axial</p> <p>R= radial</p> <p>Type of connection</p> <p>Cable length 0.5/1.5 M=P or PP</p> <p>Cable length 1 M=I or PI</p> <p>Cable length 2 M=A or PA</p> <p>Cable length 3 M=H or PH</p> <p>Cable length 3.5 M=S or PS</p> <p>Cable length 4.5 M=O or PO</p> <p>Cable length 5 M=B or PB</p> <p>Cable length 6.5 M=Q or PQ</p> <p>Cable length 8 M=C or PC</p> <p>Cable length 10 M=D or PD</p> <p>Cable length 15 M=E or PE</p> <p>Cable length 20 M=F or PF</p> <p>Cable length 25 M=G</p> <p>M5=M12, 5-pin plug</p> <p>M8=M12, 8-pin plug</p> <p>T=M23, 12-pin plug</p> <p>J=J10type, 10-pin plug</p> <p>Y1=Y2M, 10-pin plug</p> <p>Y2=CX2419FG, 19-pin plug</p> <p>Output & Supply volt</p> <p>L4=RS422 (with reverse signal) 5-30Vdc</p> <p>L5=RS422 (with reverse signal) 5Vdc</p> <p>L6=RS422 (with reverse signal) 10-30Vdc</p> <p>H4=Push-pull HTL (with reverse signal) 5-30Vdc</p> <p>H6=Push-pull HTL (with reverse signal) 10-30Vdc</p> <p>P4=Push-pull HTL (without reverse signal) 5-30Vdc</p> <p>P6=Push-pull HTL (without reverse signal) 10-30Vdc</p> <p>N4=NPN 5-30Vdc</p> <p>C4=NPN OC 5-30Vdc</p> <p>C6=NPN OC 10-30Vdc</p>
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Series

EI / EB / EC / ESY / ED / EV / EX / EBB / REI / ET / ECT / ETH / HV / EXIST / EXIAL / ESS

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