



## ***VERIFICATION OF COMPLIANCE***

Verification No.: SHEM231200796301TXC  
Applicant: Tianjin Elco Automation Co.,Ltd.  
Address of Applicant: No.12, 4th XEDA Branch Rd, Xiqing Economic-Technological  
Development Area, Tianjin, P.R.China  
Product Description: photoelectric sensor  
Model No.: OSM40-KL160CBLIU6 5M; OSM40 Series  
Sufficient samples of the product have been tested and found to be in conformity with  
Test Standards: EN IEC 61000-6-2: 2019  
EN IEC 61000-6-4: 2019  
EN IEC 60947-5-2: 2020 Clause 8.2.6  
As shown in the  
Test Report Number(s): SHEM231200796301

This verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of SGS-CSTC Standards Technical Services Co., Ltd. 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 as shown below can be used, under the responsibility of the manufacturer, after completion of an EU Declaration of Conformity and compliance with all relevant EU Directives.

*Parlam Zhan*

Parlam Zhan  
Laboratory Manager



Date: 2023-12-28



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## VERIFICATION OF COMPLIANCE

Attachment to Verification No.: SHEM231200796301TXC

Series Model:

□ □ □ — □ □ □ □ □ □ □ — □ □ □ / □ □	<p><b>Voltage range</b> 5:12-240VDC /24-240 VAC 6:10-30VDC</p> <p><b>Output</b> P:PNP N:NPN B:PNP/NPN (push-pull) R:relay LU:analog (V) LI: analog (I) LIU: analog (V/I)</p> <p><b>Output quantity</b> DIGIT: 2...(Number of outputs)</p> <p><b>Switch mode</b> V: L.O and D.O NO+NC (relay) L: L.O D: D.O C: L.O or D.O</p> <p><b>Detection distance</b> 35mm- 70mm- 160mm- 300mm- 800mm- 2000mm...</p> <p><b>Light source type</b> L:Laser light source Blank:Red or infrared light</p> <p><b>Detection mode</b> K:Direct reflection R:Non-polarized retroreflective type RP:Polarized retroreflective type TRP:Coaxial polarized reflector type S:Thru-beam - emitter E:Thru-beam - receiver AK:Background suppression TK:Transparent body detection</p>	<p><b>Special instructions</b> Blank:Non-special functions, A combination of letters or numbers *M:Cables length</p> <p><b>Special Output</b> IO:IO-Link 485:485 Protocol UR: UR rotocol Blank: Non-special</p> <p><b>Connector</b> Q8:M8 4pin Q8.3:M8 3pin Q:M12 4pin Q12.1:M12 5pin Q12.8:M12 8pin Blank: 2m cable</p> <p><b>Cable length</b> 0.2m...</p>
<p><b>Dimensions</b> 40</p> <p><b>Housing material</b> SM:Metal square</p> <p><b>Functional principle</b> O:Photoelectric sensors</p>		

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