

VERIFICATION OF COMPLIANCE

Verification No.: SHEM231200795801TXC
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.: OSQ18-AK50VP6; OSQ18 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): SHEM231200795801

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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Attachment to Verification No.: SHEM231200795801TXC

Series Model:

<p>Functional principle O: Photoelectric sensors</p>	<p>Housing material SQ: Plastic compact</p>	<p>Dimensions 18</p>	<p>Voltage range 5: 12-240VDC /24-240 VAC 6: 10-30VDC</p>	<p>Output P: PNP N: NPN B: PNP/NPN (push-pull) R: relay LU: analog (V) LI: analog (I) LIU: analog (V/I)</p>	<p>Special instructions Blank: Non-special functions, A combination of letters or numbers *M: Cables length</p>
<p>Detection mode 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 TR: Transparent body mirror reflection</p>	<p>Light source type L: Laser light source Blank: Red or infrared light</p>	<p>Detection distance 50mm - 100mm - 150mm - 200mm - 400mm - 600mm - 3.5m - 25m - 30m...</p>	<p>Output quantity DIGIT: 2...(Number of outputs)</p>	<p>Switch mode V: L.O and D.O NO+NC (relay) L: L.O D: D.O C: L.O or D.O</p>	<p>Special Output IO: IO-Link 485: 485 Protocol UR: UR rotocol Blank: Non-special</p>
			<p>Connector Q8: M8 4pin Q8.3: M8 3pin Q: M12 4pin Q12.1: M12 5pin Q12.8: M12 8pin Blank: 2m cable</p>		
			<p>Cable length 0.2m...</p>		

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