



VERIFICATION OF COMPLIANCE

Verification No.: SHEM210901033501TXC
Applicant: Shanghai Lanbao Sensing Technology Co., Ltd.
Address of Applicant: No. 228 Jinbi Road, Fengxian District, Shanghai, China
Product Description: Capacitive Sensor
Model No.: CR12DF02DPO 3001
Refer to page 2

Sufficient samples of the product have been tested and found to be in conformity with

Test Standards: EN IEC 60947-5-2:2020 Clause 8.2.6.1, 8.2.6.2, 8.2.6.3, 9.6.1, 9.6.2, 9.6.3
(Based on valid CE-VOC and relevant test report)

As shown in the

Test Report Number(s): SHEM210901033101

Remark: According to UK government issued guidance, the technical requirements necessary for CE marking will be made to the same technical requirements that will exist for UKCA marking.

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 standards and UK Legislation - Electromagnetic Compatibility Regulations 2016. The UKCA marking as shown below can be used, under the responsibility of the manufacturer, after completion of a UK Declaration of Conformity and compliance with all relevant UK Legislations.

Parlam Zhan

Parlam Zhan
Laboratory Manager



Date: 2021-09-27

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Attachment to Verification No.: SHEM210901033501TXC

Model No.:

SERIES C:

C R 18 X S C F 05 D P O

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

<p>* 1. Classification Symbols C: Capacitive type</p> <p>2. Shape Symbols R: thread cylindrical Q: smooth cylindrical E: Rectangular</p> <p>3. Enclosure Size Number: Enclosure Size: 01 to 99mm</p> <p>4. Customer code A to Z eg T:Turkey No Letter:China</p> <p>5. Enclosure Forms No letter: Cylindrical V: Angle Column Z: Combination H: Ring-shaped U: U-shaped X: Appearance improved/ Function enhanced products</p> <p>6. Enclosure Material No letter: metal-Cu enclosure G: Stainless Steel V: Aluminum alloy S: Plastic T: PTEE</p> <p>7. Housing length No letter: Square enclosure A: Short B: Standard C: Long D: Super long</p>	<p>8. Installation type N: Non-flush(nf) F: flush (f)</p> <p>9. Test distance 01 to 99 eg:01: 1mm</p> <p>10. Rated Voltage A: 20-250VAC D: 10-30VDC S: 20-250VAC/DC M: 18-36VDC</p> <p>11. Output Form B: AC/DC two wires P: PNP N: NPN F: NPN+PNP T: AC two wires K: Relay</p> <p>12. Output state O: NO C: NC R: NO+NC B: NO/NC optional L: IO Link</p>	<p>13. Switch function Classification No Letter: Standard function Z: self-diagnosis W: high-temperature S: Adjustable type with potentiometer Y: Extended sensing distance</p> <p>14. Lead wire length No Letter: 2m 1 m to 50 m eg:3M: 3m</p> <p>15. Connection Form No Letter: lead wire form E1: M8 3P connectors E2: M12 4P connectors E3: M8 4P connectors E4: M12 4P trapezoid connector E5: M12 5P connectors F1~9: Cable with connector eg:F3: Cable with connector M8, 3P, 0.2 m D: Terminal</p> <p>16. Customer code Blank: General Customer In 4 Digits: Special Customer</p>
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