

## ***VERIFICATION OF COMPLIANCE***

Verification No.: SHEM210700830201TXC  
Applicant: Shanghai Lanbao Sensing Technology Co., Ltd.  
Address of Applicant: No. 228 Jinbi Road, Fengxian District, Shanghai, China  
Product Description: Photoelectric Transducer  
Model No.: PSR-TM20D, PSR-TM20DPB;  
Refer to page 2

Sufficient samples of the product have been tested and found to be in conformity with  
Test Standards: EN 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): SHEM210700829801  
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 (Shanghai) 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

**UK  
CA**



Date: 2021-07-29

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## VERIFICATION OF COMPLIANCE

Attachment to Verification No.: SHEM210700830201TXC

SERIES P:

**PR18TS—BC30DPO □ □ □ □**  
 1 2 3 4 5 6 7 8 9 10 11 12 13 14

<p>1. Classification Symbols P: Photoelectric form</p> <p>2. Shape Symbols R: thread cylindrical U: groove Two letters: Square eg: TL, TE, TF, TB, SE, SS, SM, SR, SV, ST, SC, SF, BA, SJ, .....</p> <p>3. Size Symbols Number: Enclosure Size 01 to 99mm No Letter: Square</p> <p>4. Customer code A to Z eg T: Turkey No Letter: China</p> <p>5. Enclosure Material Classification No letter: metal-Cu enclosure/Square G: Stainless Steel V: AL S: Plastic</p>	<p>6. Test Form B/Y/S: Diffuse reflective D/P/G: Retro reflective T: Though beam</p> <p>7. Test distance R1~99 eg R1: 1mm C1~99 eg C1: 1cm M1~200 eg M1: 1m</p> <p>8. Rated Voltage A: 20~250VAC D: 10~30VDC L: 15~30VDC S: 20~240AC/DC T: 12~24VDC J: 5VDC C: 380VAC B: 90-250VAC G: 5-24VDC</p> <p>9. Output Form T: AC two wires K: Relay P: PNP N: NPN F: NPN+PNP For emitter: no letter</p>	<p>10. Output state O: NO C: NC R: NO+NC B: NO/NC Optional For emitter: no letter</p> <p>11. Light source type No Letter: Infrared light R: Red light source L: laser light X: Line source B: Blue light</p> <p>12. Lead wire length No Letter: 2m 1M to 50M eg: 3M: 3m</p> <p>13. 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>14. Customer code Blank: General Customer In 4 Digits: Special Customer</p>
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